

LINKSYS[®] by Cisco



Wireless Home Audio Controller

Wireless-N Touchscreen Remote

DMRW1000

User Guide

About This Guide

Icon Descriptions

While reading through the User Guide you may see various icons that call attention to specific items. Below is a description of these icons:



NOTE: This check mark indicates that there is a note of interest and is something that you should pay special attention to while using the product.



WARNING: This exclamation point indicates that there is a caution or warning and it is something that could damage your property or product.



WEB: This globe icon indicates a noteworthy website address or e-mail address.

Online Resources

Website addresses in this document are listed without **http://** in front of the address because most current web browsers do not require it. If you use an older web browser, you may have to add **http://** in front of the web address.

Resource	Website
Linksys	www.linksysbycisco.com
Linksys International	www.linksysbycisco.com/international
Glossary	www.linksysbycisco.com/glossary
Network Security	www.linksysbycisco.com/security
Support	www.linksysbycisco.com/support

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iPod is a trademark of Apple Inc., registered in the U.S. and other countries.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The socket-outlet shall be installed near the equipment and shall be easily accessible.



WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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Wireless Home Audio Product Family

Fill Your Home With Music

Let your music play all around your home. Enjoy different songs in different rooms at the same time – or the same one everywhere in Party Mode. This is designed to let you stream, play and control your digital music via your home wireless network. The Wireless Home Audio family of devices is designed to work with your existing system to make it easy to customize complete home-filling music experiences. However you listen, you can configure a Wireless Home Audio setup perfectly suited to your space, tastes, and existing equipment. Set up in minutes – no drilling, no stringing wires.

Cisco, the world's leader in networking technology, applied its years of knowledge and expertise to develop an amazing lossless digital audio delivery solution that preserves the full depth and richness of the recording, as originally intended by the artist. Through distributed decoding technology, each Wireless Home Audio player receives the unmodified audio source material without any trans-coding or compression. The audio is then reproduced by one or more players, synchronized to within microseconds in case of multiple players, without any of the compression and echo artifacts so often evident in other wireless audio systems. All of this means crystal clear music, exactly as recorded, anywhere in your home.



Wireless Home Audio Product Family

Conductor (DMC350)



The Conductor – Wireless-N Digital Music Center is designed to let you play and command your digital music wherever you want in your home. And, as part of the Linksys by Cisco Wireless Home Audio family, it can become part of your complete, customized full-home music experience.

The stylish Conductor is an all-in-one Wireless-N music center that is designed to receive and play digital music streams over your wireless network through its built-in speakers and amplifier. It includes a CD-player if you want to simply pop in a disc. Light and easily portable, it is designed to go anywhere, so you can move it wherever you want your music to play: good in the garage, perfect for the patio, cool for the kitchen.

The intuitive 7" color touchscreen interface is designed to give you full and simple fingertip control over your listening experience. Search your music, create playlists, set up and play music in different rooms. Accesses your musical libraries on your networked PCs or storage devices, or millions of songs online through Rhapsody (30-day free trial included). Accommodates optional Docking Station for iPod, so you can access your playlists and tunes.

Director (DMC250)



The Director – Wireless-N Music Player is designed to enable any sound system or speakers to play your digital music. The Director has a 3.5" display and can be used as a standalone or connect to other components.

Connect the Director to your existing audio system and enjoy digital music in excellent quality. It's a great way to give your Home Theater or high-end sound systems the ability to access and play your digital music library without wires. Or build a wireless system from scratch. With its built-in 50-watt per channel amplifier, the Director can power any stand-alone speakers. Pair it with your high-end speaker towers, or the Linksys by Cisco Stereo Speaker Kit (optional). With its compact design and elegant styling, the Director fits and looks great in any room.

Player (DMP100)



The Player – Wireless-N Music Extender is designed to enable any sound system or powered speakers to play your digital sound.

This convenient, compact extender is designed to fit with your systems wherever they live and connect them to your wireless home network. A great way to enhance your home theater setup, premium audio configuration, office bookshelf unit, or any other way you're currently enjoying music. Connect a player to each one and enjoy a multi-room music experience. Includes Infrared remote control.

Controller (DMRW1000)



The crowning touch of your Wireless Home Audio experience, the Controller - Wireless-N Touchscreen Remote is designed to give you complete, colorful at-a-touch command of your entire Linksys by Cisco Wireless Home system, from any room in your house. Wireless Home Audio: the fun, easy way to let your music play, all around your home.

Large, color touchscreen, thumbwheel, and engaging interface is designed to let you easily control any one or every one of your Wireless Home Audio devices, from anywhere in your home, even when they're out of sight. Select listening sources, create and control listening zones and cue lists, browse and find playlists or individual songs, and more. Wireless Home Audio frees your music; the Controller frees you.

Docking Station for iPod® (MCCI40)



Add your iPod to your wireless music experience and enjoy your music, podcasts, audiobooks, and all of your iTunes purchased content all around your home. The Docking Station for iPod is designed to let you integrate and control your iPod with your Linksys by Cisco Wireless Home Audio system.

Your iPod is a key part of how you enjoy your music. Now it can be a part of your Wireless Home Audio listening experience. This wired accessory makes it a snap to connect your iPod to a Linksys by Cisco Director or Conductor. Control the iPod from the Director, the Conductor, or with either the IR Remote or Wi-Fi Controller. Share your favorite tunes and playlists, advance tracks, adjust volume on each Wireless Home Audio device in your home. It even recharges docked iPods. Perfect for when friends drop by and want to include their iPods in the wireless fun. Includes adapters for most common iPod types. If you think this sounds like a great idea for a party, you're right!

Speakers (DMSPK50)



The Stereo Speaker Kit is designed to compliment the Director - Wireless-N Music Player. These elegantly designed, high-performance vented stereo bookshelf speakers are tuned and optimized to deliver excellent music reproduction and are great for use in any room. When connected to the Director Wireless-N Music Player, they create a quality wireless audio system which you can place wherever you want in your home.

Other Great Linksys Products

There are many other great Linksys products that integrate perfectly with your Wireless Home Audio products.

Media Hub Home Entertainment Storage (NMH 300 and 400 Series)

Conveniently access and stream your media from a versatile, high-performance storage hub. Multi-stream capability lets you enjoy different media at the same time: watch a movie while your kids listen to music and your spouse browses photos. Elegant Web-based interface makes it simple to browse your media. Intelligent aggregation automatically finds, copies and organizes media from all the UPnP devices on your network -- even collecting songs from the same CD stored in different places into one virtual album.

Wireless-N Gigabit Router (WRT310N)

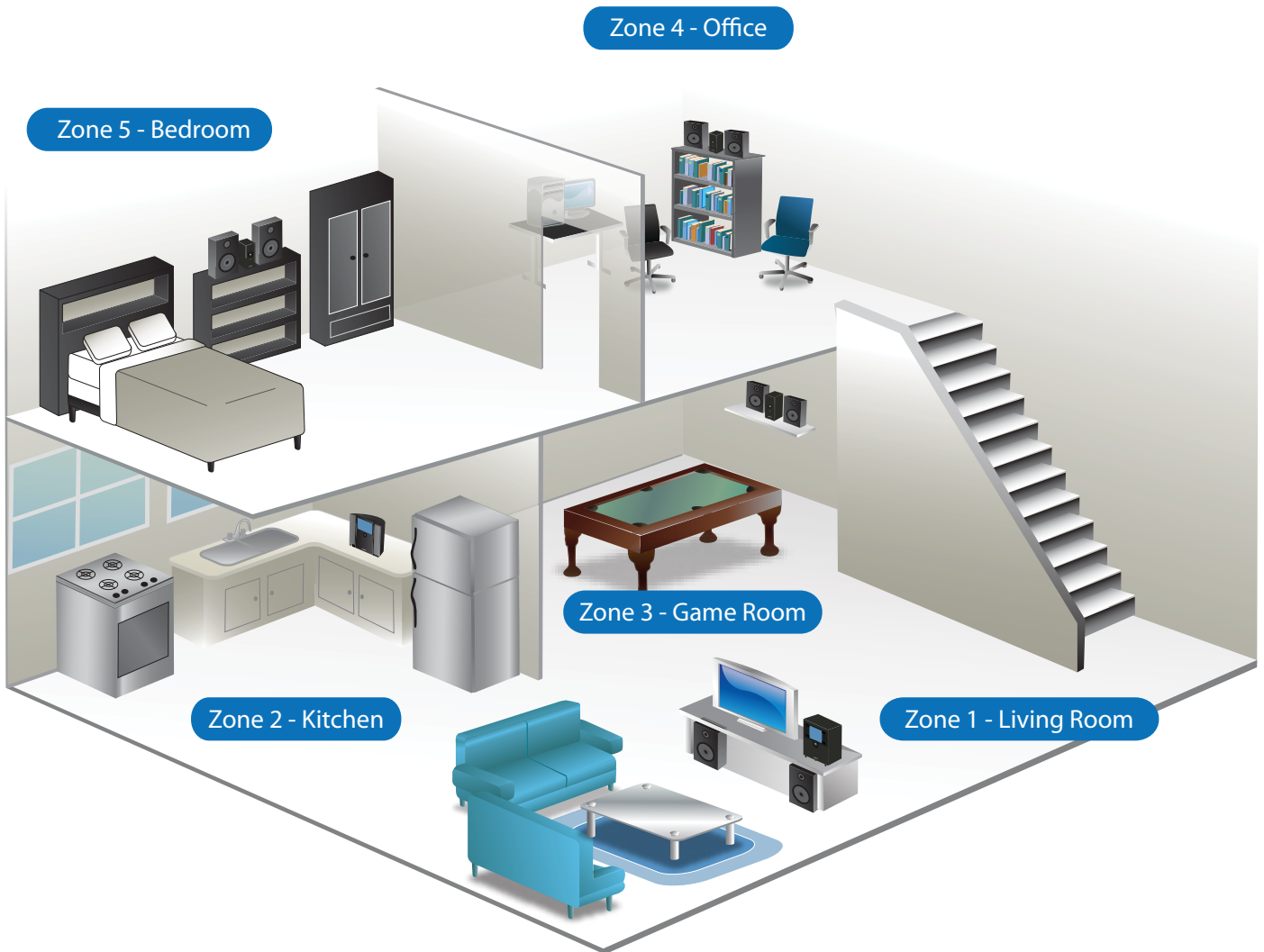
Connect everybody in your home at once without wires. Teaming the power of today's most advanced wireless N networking technology standard with Gigabit-speed ports, the Wireless-N Gigabit Router delivers excellent performance for media-intensive activities and running multiple applications simultaneously. Easy to use and setup; includes Mac setup wizard.

Simultaneous Dual-N Band Wireless Router (WRT610N)

Built for speed – optimized for media. Music, movies, gaming: whatever you're into, the Simultaneous Dual-N Band Wireless Router delivers double the bandwidth and media-optimized performance so you can enjoy it more smoothly, with less lag, all around your home. Easy to use and setup; includes Mac setup wizard.

Sample Home Configuration

Click on the image below to launch an interactive Flash version of a Wireless Home Audio configuration. Place the cursor over a device to zoom in and obtain details.



Product Overview - Controller

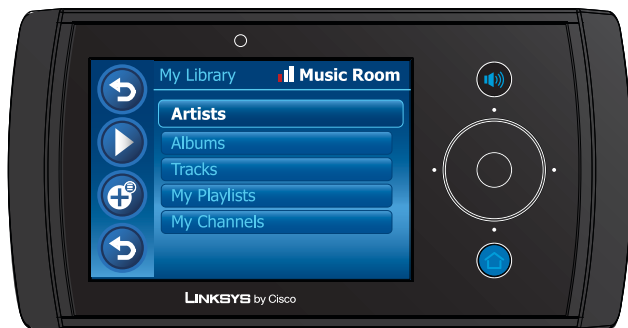
Before You Begin

This User Guide is intended to provide details on the product hardware, user interface, and use of the product. For initial installation instructions, please refer to the Quick Installation Guide included with your product.

Features

- 802.11 Draft-N Wi-Fi based transceiver
- Part of a family of Cisco branded Remote Control Devices
- 5-Way Navigation Button Control
- 4.3 inch color Touchscreen LCD
- Internal Antennas
- Rechargeable Battery
- External AC-DC Power Supply/Battery Charger
- DLNA 1.5 and UpNP compliant and certified
- Plug and play simplicity when used with other Linksys A/V products and routers

Top Panel



Touchscreen The 4.3" Touchscreen LCD has arrows on the left and right side of the screen for navigating through the menu icons. To select an option, click on the icon. There are other buttons available on the screen that vary depending upon your location in the interface.



Volume Button Press the Volume button and a volume bar will appear on the screen. Rotate the Navigation wheel clockwise to increase the volume or counterclockwise to decrease the volume.



Navigation Wheel/Selector The navigation wheel is used to scroll through the carousel of icons and lists, select letters or characters, and increase or decrease values.



Home Returns to the main menu from anywhere within the interface.

Side Panel



Mini-USB/Reset Cover The Mini-USB connector and the Reset button are covered by this.

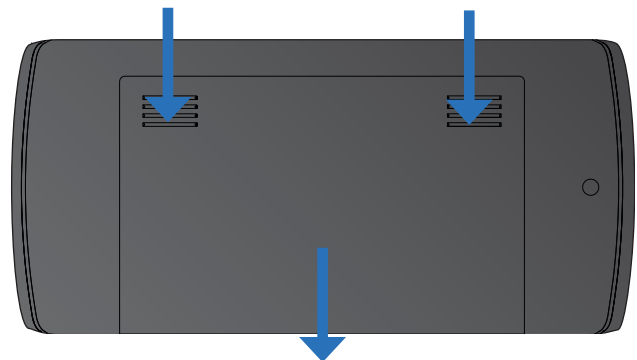


Mini-USB Connector The mini-USB connector is used to connect a power source to the Controller.



Reset button This button is used to reset the remote. Use a straightened paper clip or similar object to press the button.

Bottom Panel



Battery Compartment The Battery Compartment opens by gently pressing down on the two designated areas and sliding the compartment off.



NOTE: There is no power off button on the Controller. The Controller has sleep mode and hibernate mode to reduce battery consumption.

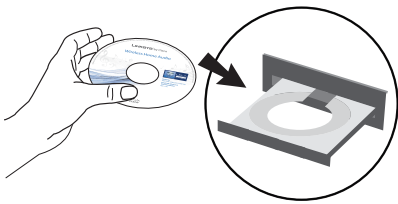
Setting Up Your Controller

Setup with LELA

The Wireless Home Audio Installer will guide you through the setup of your Linksys by Cisco Wireless Home Audio devices. Below is an overview of the steps required to get up and running.

- Install EasyLink Advisor
- Install Cisco Media Center software for your computer
- Configure your Wireless Home Audio Devices
- Create your Cisco account and register for music services

1. To begin, insert the CD into your CD-ROM drive.



2. Click the **Start Setup** button and follow the on-screen prompts to configure your Wireless Home Audio devices.



Setup without LELA

The Controller is an optional accessory that will enhance your Wireless Home Audio experience. It can be installed into an existing Wireless Home Audio system without the use of LELA.



NOTE: The installation process is simplified with the use of the LELA CD-ROM and it is necessary to use LELA to setup your Internet services.

The following instructions will guide you through the necessary steps to get up and running with your existing Wireless Home Audio setup.

Installing the Battery

The Controller comes with a battery that needs to be installed and charged. You can use the Controller as the battery is being charged.

To install the battery, perform the following steps:

3. Open the battery compartment.
4. Align the battery so that the notches line up with the grooves on the Controller. The plus and minus symbol should align to the connectors on the Controller.
5. Slide the battery towards the battery connectors until the battery is connected.



NOTE: The battery connectors on the Controller should line up with the + and - symbols on the battery.

Charging the Battery

The Controller includes two charging options. One connects the Controller to the computer to charge and the other connects to a standard power outlet.

Charging with the Power Adapter

1. Connect the power adapter to a power outlet.



2. Connect the other end with the mini-USB connector to the Controller.

Charging with the USB Cable

1. Connect the end of the USB Cable with the mini-USB connector to the Controller.



2. Connect the other end of the USB Cable to a powered USB slot.



Battery Status The battery status icon will indicate the power remaining on the battery. A message will appear when the battery power is low.



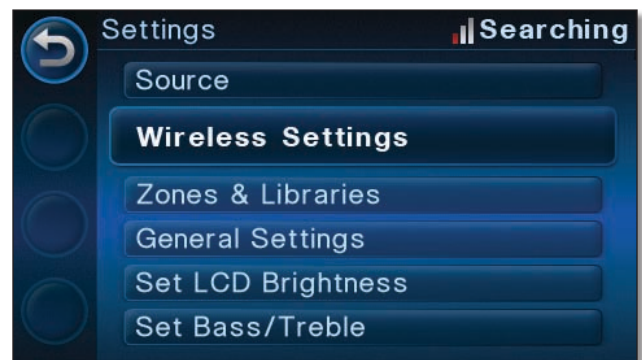
Battery Charging When the battery is plugged into a power source and charging, this icon will be displayed in the upper left corner of the LCD touchscreen.

Connecting to the Network

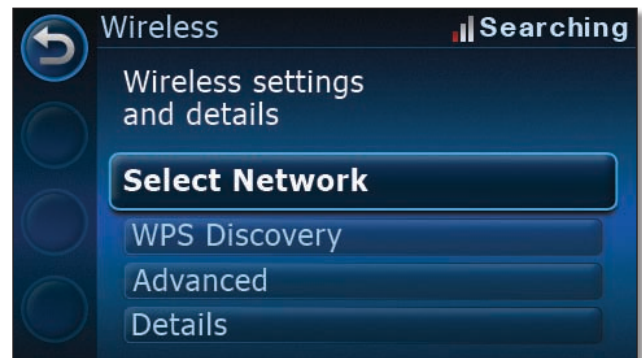
1. Navigate to **Settings** and select it.



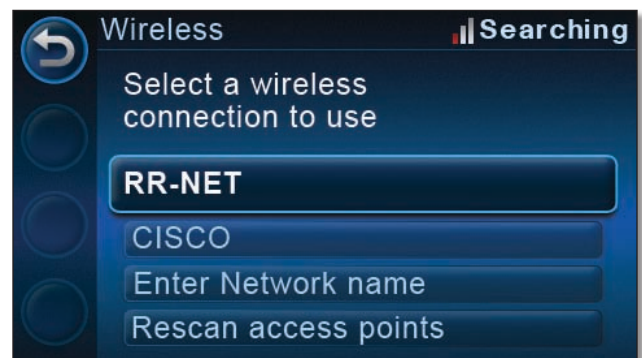
2. Select **Wireless Settings**.



3. Go to **Select Network**.



4. Select the wireless connection to use from the list of available wireless connections.





NOTE: If you've disabled the broadcasting of your wireless network name (SSID) on your router, you can enter it manually by selecting **Enter Network name**.

5. Select **Enter Passphrase**.
6. Use the touchscreen keyboard to enter your passphrase. Press the **Enter** button on the screen after you've entered the appropriate passphrase.



NOTE: The passphrase is case sensitive. The button labeled **123@!** in the upper right corner toggles between three different keyboard states: lowercase, uppercase, and numeric/special characters.

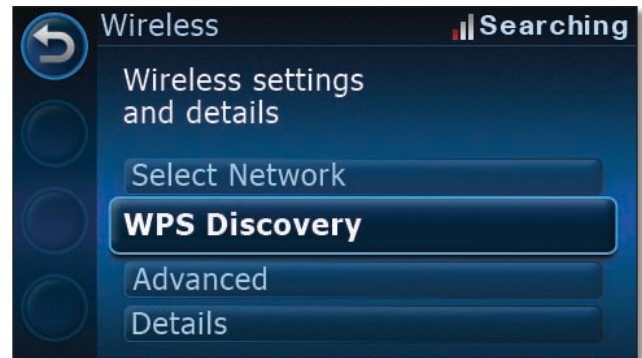
7. The devices that you can control should be available from the upper right corner of the touchscreen on your Controller.

Wi-Fi Protected Setup Discovery

1. Navigate to **Settings** and select it.
2. Select **Wireless Settings**.



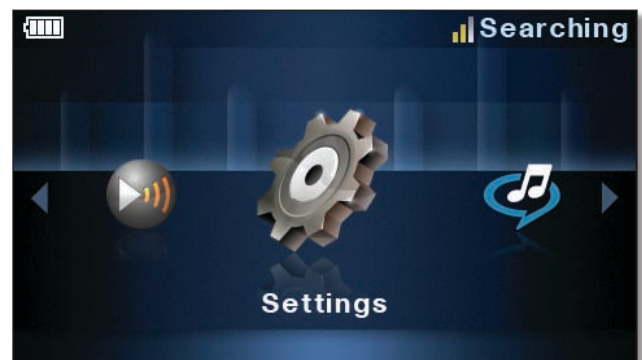
3. Select **WPS Discovery**.



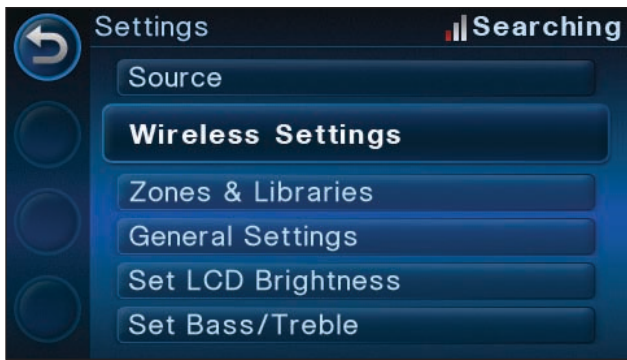
4. Press OK (the center of the 5-way button) to continue.

Wi-Fi Protected Setup Pin Method

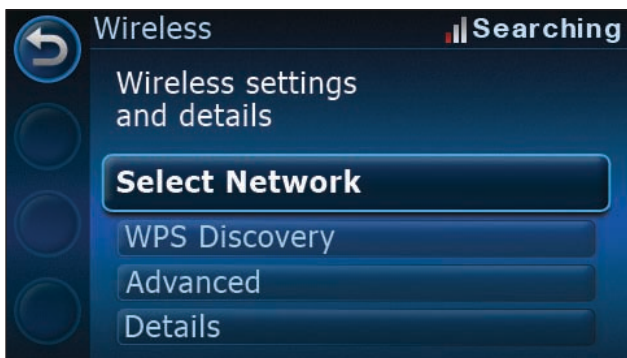
1. Navigate to **Settings** and select it.



2. Select **Wireless Settings**.



3. Go to **Select Network**.

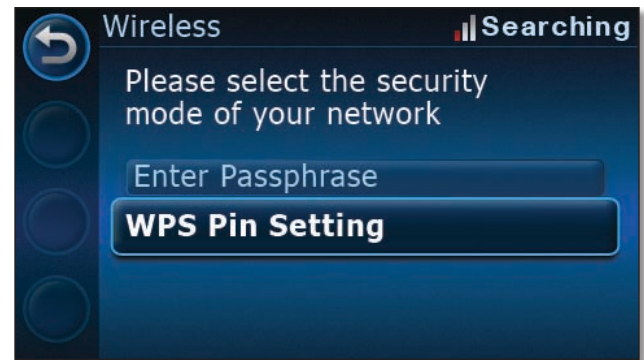


4. Select the wireless connection to use from the list of available wireless connections.



NOTE: If you've disabled the broadcasting of your wireless network name (SSID) on your router, you can enter it manually by selecting **Enter Network name**.

5. Select **WPS Pin Setting**.





6. A pin setting will be displayed on your screen. Enter this pin on your access point/router. Once you've entered this pin on your access point/router, press OK on the 5-way button on your Controller. To cancel, press the Back button on the touchscreen.


Using the Controller


Controller Touchscreen Button Functions


 **Navigation Arrows** Scrolls through the icons in the direction selected.


 **Back** Returns to the previous screen.


 **Play/Pause** This button toggles between playback and a paused state. If nothing is playing, pressing this button when music is selected starts playback of the selected music.


 **NOTE:** You cannot pause streaming Internet music.

 **Stop** Stops the current music selection (playing or paused music) and moves the first item played to the top of the queue which is then highlighted. The user is then brought to the Now Playing screen. The Stop button does not clear the queue.

 **Play To** Use this button to select the zones to play the music to.

 **Add to Now Playing Queue** When music is highlighted (Genre, Playlists, Artist, Album, or Song), the selected item will be added to the queue on the Now Playing screen. The queued item will be added to the bottom of the queue and will not begin playing even if it is the only item in the queue.

 **Now Playing Queue** Press this button for a shortcut to the Now Playing screen. The Now Playing screen shows the currently playing song and a list of your music in your queue.

 **Selected Device** Touch to choose the device or zone that you want to control. All actions (Play, Stop) will be directed to that device/zone.


User Interface

Carousel

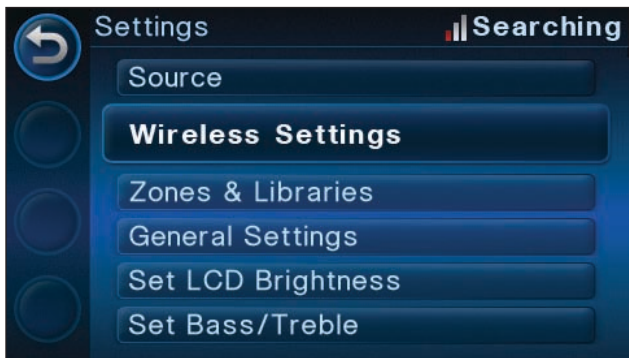


Using the Controller to navigate through the carousel, there are multiple ways to achieve the same result:

- Rotate the scroll left or right and press the center of the Scroll/5-Way Button to select an option.
- Use the left and right buttons on the Scroll/5-Way button and press the center to select an option.
- Press the left and right arrows on the touchscreen to navigate and press directly on an icon to select it.

 **NOTE:** Pressing up on the Controller Scroll/5-Way Button in a carousel menu will open the device control selection window. Pressing down on the Controller Scroll/5-Way Button in a carousel menu displays the Now Playing Queue.

Lists



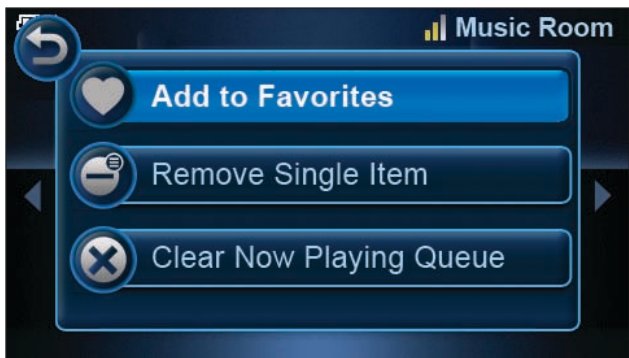
Using the Controller to navigate through a list, there are multiple ways to achieve the same result:

- Go through the list using the scroll and press the center of the Scroll/5-Way Button to select an option.
- Use the up and down buttons on the Scroll/5-Way button and press the center to select an option.
- Select the option directly on the touchscreen.



NOTE: Pressing right on the Controller Scroll/5-Way Button in a list menu will open the Quick Action menu.

Action Menus



Action Menus provide quick shortcuts that change depending upon your location in the interface.

Pressing right on the 5-Way Button/Scroll from a list menu displays the quick action options. You can select an action directly using the touchscreen or use the Scroll to navigate to the appropriate selection and press the center to select. Below is a list options you will encounter.



NOTE: The Quick Action menu options vary depending upon your location in the interface.



Play To Use this button to select the zones to play the music to.



Add to Favorites Adds the selected items to your list of favorites. You can add tracks, albums, or playlists to your favorites. Once you select this option you will be prompted to assign a favorite position number to the selection. You can press the touchscreen to select a number or scroll and select.



Remove Single Item Removes the item that was last selected before pressing this option.



Clear Now Playing Queue Remove all tracks from the Now Playing Queue.



Shuffle Select this option to randomly shuffle the playback order of the tracks in the Now Playing Queue.



Repeat This option will repeat the tracks in the Now Playing Queue once all of tracks in the queue have been played. To turn repeat off, return to the Quick Action menu and select Repeat off.



Remove All This option removes all currently stored favorites.



Rename Use this to rename a favorite. The touchscreen keyboard will appear and allow you to edit the current name.

Common Uses

Playing Music From Different Sources

The Linksys by Cisco Wireless Home Audio system provides you with an extensive assortment of source options for playing audio throughout your home.

iPod and iTunes

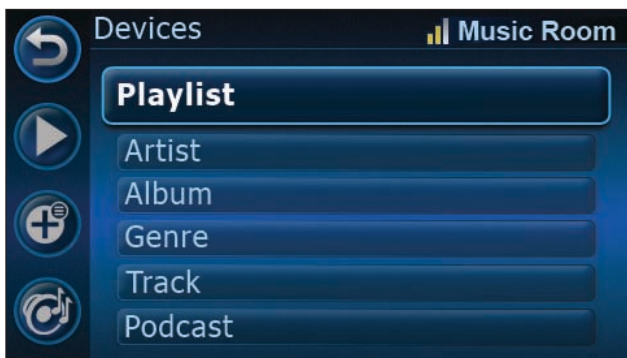
The optional Docking Station for iPod® (MCCI40) lets you connect your iPod to the Director or Conductor and play your iTunes music throughout your home. For details on connecting the Docking Station, please refer to the QIG that comes with it or the User Guide for your Director or Conductor.

1. Use the scroll or the left ◀ and right ▶ buttons on the touchscreen or 5-Way button to move through the menu items. Press **Devices** on the touchscreen or use the center of the 5-Way button to select it.



2. A list of options will appear. You can now navigate through the music and audio on your iPod.

Audio is sorted by Playlist, Artist, Album, Genre, Track, Podcast, Composer, and AudioBook.



There are multiple options for navigating through the list:

- Go through the list using the scroll and press the center of the 5-Way button to select an option.

- Use the up and down buttons on the Scroll/5-Way button.
- Select the option directly on the touchscreen.

USB Drive

When you connect a USB drive to the Director or Conductor, a USB drive icon will appear on the carousel.



Once you select this option, you will be able to sort through the songs on the drive by Artist, Album, or Genre. You can also Browse through the folders or Search by Artist, Album, or Song title.



For details on navigating through the content on your USB drive, refer to **[USB Media, page 22](#)**.

Disconnecting the USB Drive



NOTE: Disconnecting the USB drive must be done using the IR Remote.

When you want to remove your USB drive, be sure to go to **Settings > USB > Safely Eject**. Perform the following steps from your Director.

1. Navigate to **Settings** and select it.



2. Go to **USB** and select it.



3. Select **Safely Eject** and wait for the message that indicates *You may safely remove your USB device*.



4. Disconnect your USB drive from the back of the Director.

Computer

Installing the Cisco Media Server software on your computer allows you to play music from your computer on your Director, Conductor, or Player. The Cisco Media Player software allows you to control playback of your Wireless Home Audio devices from your computer.

When the Cisco Media Server software is installed and running, you will see a music note icon indicating that a shared library is available for playback. Browsing the media is performed the same way as if you were browsing a USB drive connected to your Wireless Home Audio device.

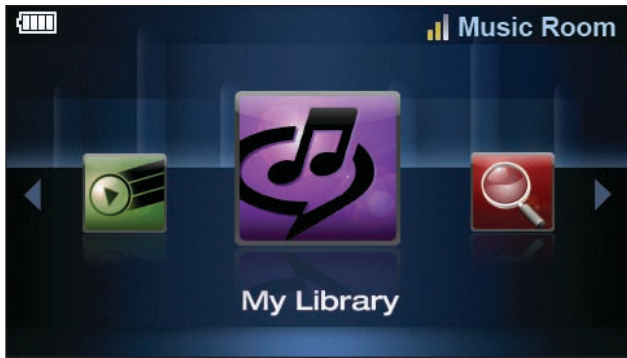


For additional details, refer to the User Guide for the Director.

Rhapsody

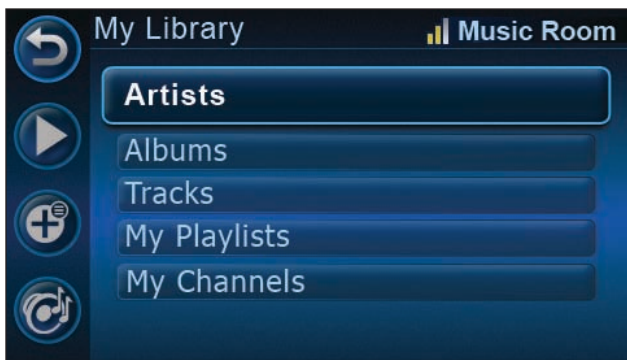
Rhapsody is the critically-acclaimed digital music service that provides its members unlimited access to millions of full-length, CD-quality tracks. With Rhapsody and your new Linksys by Cisco Wireless Home Audio product you will have instant access to all of your favorite music. Listen whenever you want, play continuous music with Rhapsody Channels and discover new music and old favorites.

The initial Rhapsody menu is a carousel menu.



Use the left ◀ and right ▶ buttons on the touchscreen or 5-Way button to move through the menu items. You can also use the scroll to move through the items.

Select an item on the touchscreen or press the center of the 5-Way button to select an item.



Press directly on an item on the touchscreen or navigate through list menus by using the scroll or pressing the down and up buttons on the 5-Way button.

Press directly on an item on the touchscreen or press the center of the 5-Way button to view tracks in an album, playlist, or associated with an artist and press the **Back** button on the touchscreen to return to the title.

Press the **Play** button to start playing a title.

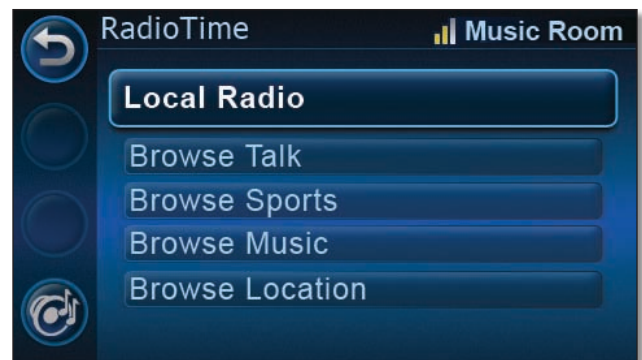
For additional details on the Rhapsody menus, refer to **Rhapsody, page 21**.

RadioTime

RadioTime provides streaming access to over 100,000 radio stations and shows. You can locate shows based on location, topic, or music genre.



When you select RadioTime, a list menu will appear with options that allow you to browse local radio stations, talk shows, sports shows, music genres, and stations in locations across the world.



Press directly on an item on the touchscreen or navigate through list menus by using the scroll or pressing the down and up buttons on the 5-Way button.

For additional details on RadioTime, refer to **RadioTime, page 26**.

External Audio Devices

You can stream music from external sources such as turntables, stereo systems, DVD players, video cameras, karaoke systems, and generic MP3 players using the RCA inputs on the back of your Director or Player.

For additional details, refer to **Source, page 28**.

Finding Music

The way that you find music varies slightly based upon the media that you are searching and the device you are using to search.

Finding Music on USB Devices

When you connect a USB device to the Director or Conductor, a carousel menu is displayed that allows you to browse music by artist, album, genre, or browse the folders located on the USB device. You also have the option to search by artist, album, or genre.

For additional details, refer to **USB Media, page 22**.

Finding Music on Your iPod

When you have an iPod connected to your Director or Conductor using the optional Docking Station for iPod, you can find music in the same manner that you do on your iPod. A list menu is displayed with the options to view by playlist, artist, album, genre, track, podcast, composer, or audiobook.

For additional details, refer to [Devices, page 24](#).

Finding Music Libraries on the Network

When you install the *Cisco Media Server* software, a carousel menu is displayed that allows you to browse music by artist, album, genre, or browse the folders located on the USB device. You also have the option to search by artist, album, or genre.

The navigation for music libraries is similar to those of USB devices. For details on navigation, refer to [USB Media, page 22](#).

For details on the Cisco Media Server software, refer to the User Guide for the Director.

Finding Music on Rhapsody

You can search through content on Rhapsody from the Wireless Home Audio devices by using the Search option to search artists, albums, or songs. You can also browse Rhapsody's Music Guide, Playlists and Channels. The My Library option allows you to find music that you've associated with your Rhapsody account on your computer.

Managing Music Libraries

Creating Playlists

Playlists can be created on your Director or Conductor by adding music to the *Now Playing Queue* and saving the queue as a favorite.





NOTE: Playlists can also be created in Rhapsody and iTunes. For details on configuring playlists in Rhapsody and iTunes, please refer to the help files located in those applications.

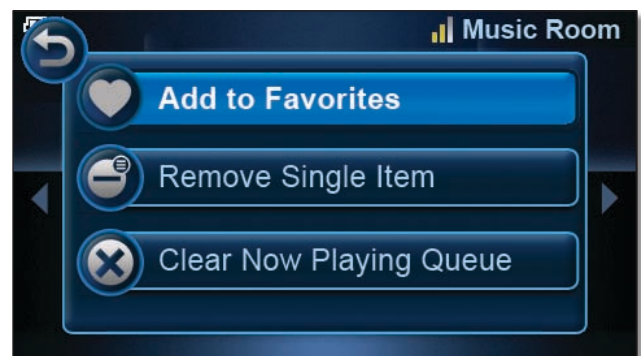
To create a playlist on your Director or Conductor, perform the following steps:

1. Locate a song, album, artist, genre, or existing playlist that you want in your new playlist.

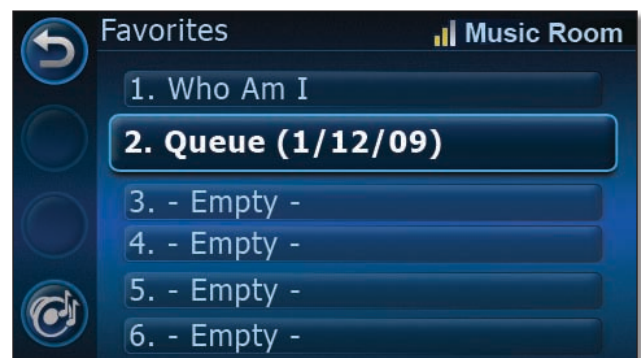


NOTE: Selecting an artist will add all of their available songs from the selected media.

2. Press the **Add to Now Playing Queue**  button on the touchscreen.
3. Repeat steps 1 and 2 until you've added all that you wanted to your playlist.
4. Press the **Now Playing Queue**  button.
5. Press right on the 5-Way button and select **Add to Favorites**.
6. Use the Scroll/5-Way Button to select a favorite position.



7. The playlist will be created as a favorite titled Queue with the date displayed in parenthesis as part of the name.



If you want to rename this newly created preset, perform the following steps:

- Press right on the 5-Way button.
- Scroll to and select **Rename**.
- The touchscreen keyboard will appear. Use the arrow on the touchscreen to delete the existing title.
- Enter a new title using the touchscreen keyboard and press **Enter** to save it.



NOTE: If you select a favorite that is currently in use, it will be overwritten with the new favorite.

Creating and Using Favorites

There are 10 favorite positions that can be used to store favorite tracks, albums, playlists, genres, artists or channels. When you select an album, playlist, genre, or artist, a playlist of available tracks is created at the time you add the favorite. If you add or remove tracks from the album, playlist, genre, or artist you will need to add it as a favorite again to update it.

- **Track** Individual tracks can be assigned to favorites so that the desired track plays when the associated favorite is selected.
- **Album** Entire albums can be added by selecting the album as a favorite. When the favorite is played, the entire album will be added to the *Now Playing Queue*.
- **Artist** Adding an artist creates a playlist of every track available from the selected artist on the selected media at the time the favorite is created.

For example, if you select an artist in Rhapsody, a playlist containing their entire catalog at the time of the selection will be created. Any time that you select this Favorite, this playlist will be added to the *Now Playing Queue*. If the artist releases a new song or album and you want to add it to the existing favorite, simply overwrite the existing favorite by adding this artist as a favorite again.

If you select an artist from your iPod, a playlist will be created containing all of the tracks from the selected artist located on your iPod at the time that the favorite is created. Playing the favorite will add these tracks to the *Now Playing Queue*. If you add additional songs from the artist to your iPod and want to add them to the existing favorite, simply overwrite the existing favorite by adding this artist as a favorite again.

- **Playlist** Playlists can be assigned to a favorite for easy selection. When the favorite is created it generates a new playlist for the favorite based upon the selected playlist.

If a song is added or deleted from the selected playlist after it has been added as a favorite, the changes aren't reflected in the favorite unless you overwrite

the existing favorite by adding the playlist as a favorite again.

- **Genre** Adding a genre creates a playlist of every track available from the selected genre on the selected media at the time the favorite is created.

For example, if you have a USB drive attached and select the Alternative genre on the USB drive, a playlist will be created that contains all of the music on the USB drive that is tagged as alternative.

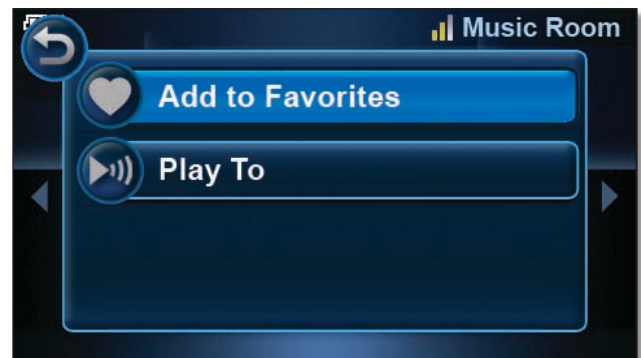
- **Channel** A channel can be designated as a favorite for quick and easy selection of a favorite Rhapsody or RadioTime channel. You can not add music to the Now Playing Queue when a channel is playing since the channel is continuously playing music.

To create a favorite, perform the following steps:

1. Using the Controller, locate and highlight the track, album, playlist, genre, or artist that you want to set as a favorite.



2. Press right on the Scroll/5-Way button.
3. Select **Add to Favorites** on the touchscreen or use the Scroll/5-Way button to select it.



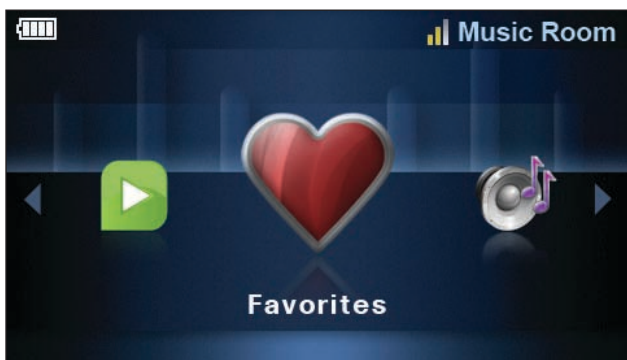
4. Use the Scroll/5-Way Button to select a favorite position. There are ten favorites available.



NOTE: If you select a favorite that is currently in use, it will be overwritten with the new favorite.

Playing a Favorite

1. To play a favorite, go to the *Home* menu.
2. Locate and select **Favorites**.



3. Use the Scroll to find the favorite that you want to play. Select it on the touchscreen or press the center of the 5-Way button to select it.



NOTE: Selecting a favorite, clears the current tracks in the Now Playing Queue and adds the track(s) associated with the currently selected favorite.

Using the Queue

The Queue contains the track that is currently playing and any additional tracks that have been added to the queue. Adding songs to the queue allows you to play songs continuously without interruption. The songs are played in the order that they were added to the queue unless you select *Shuffle*. You can also turn on *Repeat* which will continuously repeat the tracks that are in the queue.

Adding Music to the Queue

When you select to play an album, playlist, genre, or artist, all of the available tracks on the selected media are added to the queue. Anytime that you select to play music, it clears out the current queue and adds the content that you've chosen to play to the queue. If you don't want to immediately clear out your queue, you need to use the *Add to Now Playing Queue* button when you make your selection instead of using the *Play* button.



NOTE: You can not add music to the queue when playing RadioTime or Rhapsody Channels since the channels continuously play music.

To add music to the queue using the Controller, perform the following steps:

1. Using the Controller, locate and highlight the track, album, playlist, genre, or artist that you want to add to the queue.



2. Press the **Add to Now Playing Queue** button on the touchscreen.
3. A message will appear indicating that the tracks have been added to the queue.

You can view the queue by pressing the **Now Playing Queue** button on the touchscreen or pressing the **Home** button on the Controller twice.


Removing Music from the Queue

The Queue is cleared whenever you select to play an item (track, album, artist, genre, or playlist) instead of adding it to the queue. The item that was selected will be added to the *Now Playing Queue*.

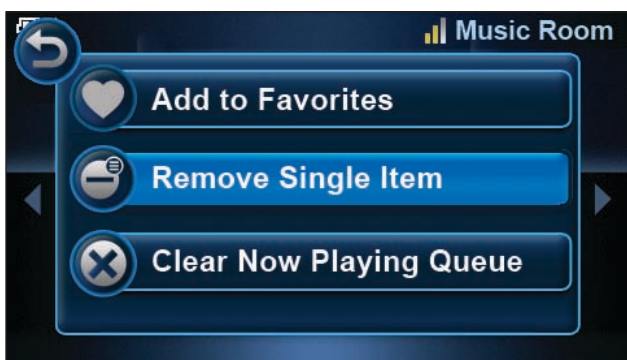
To remove individual tracks from the queue, perform the following steps:

1. Go to the **Now Playing Queue**.



NOTE: You can press the Home  button once from the main menu or twice from anywhere else within the interface to go the *Now Playing Queue*.

2. Locate and highlight the track that you want to remove using the scroll.
3. Press right on the Scroll/5-Way button.
4. Select **Remove Single Item** on the touchscreen or use the Scroll/5-Way button to select it.



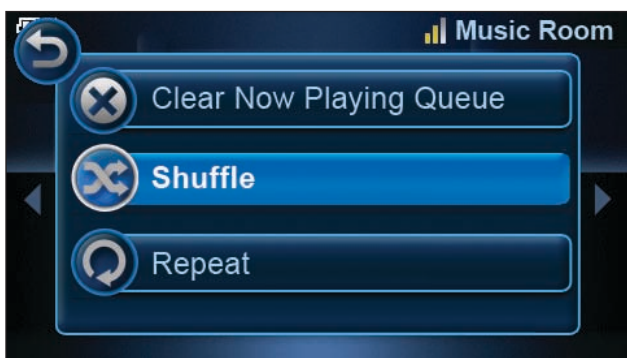
NOTE: You can remove all tracks from the queue by selecting **Clear Now Playing Queue**.

Shuffle

Shuffle generates a random playback order of the tracks in the queue. When you select Shuffle, it

To shuffle the order, perform the following steps:

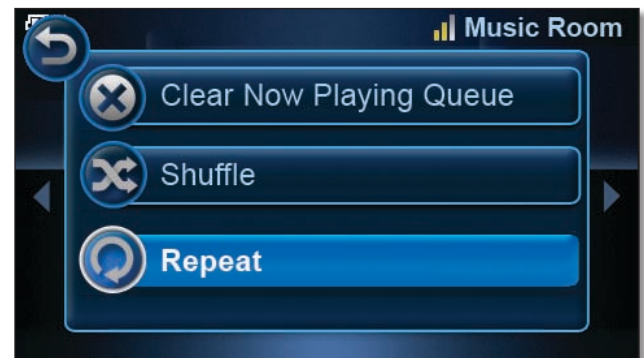
1. Go to the **Now Playing Queue**.
2. Press right on the 5-Way button.
3. Use the scroll or press down to move down the list and select **Shuffle**.



Repeat

Repeat allows you to continuously play the music in the queue. Once the end of the queue is reached, the track at the top of the queue will begin playing and playback will be continuous until you stop music playback.

1. Go to the **Now Playing Queue**.
2. Press right on the 5-Way button.
3. Use the scroll or press down to move down the list and select **Repeat**.



To turn Repeat off, follow the same steps. The Repeat button will indicate *Repeat Off*.

Playback Controls and Options

Whenever you play an item, the queue is immediately cleared and the item that you selected is added to the queue. If you do not want to clear the queue, be sure to add the item to the *Now Playing Queue* instead of selecting play.

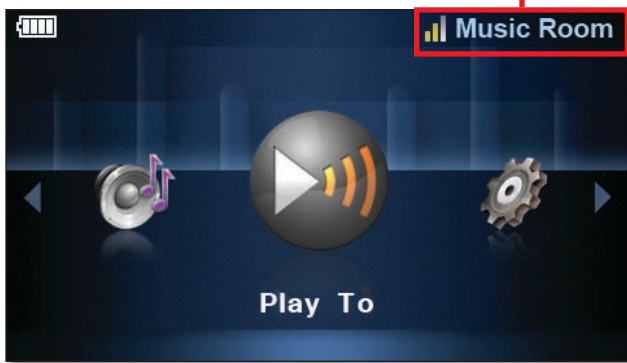
When you locate an item that has more than one track associated with it such as an album, playlist, genre, or artist, you can either select it to view the details of the item or add it to the *Now Playing Queue* or set it as a *Favorite*.

Playing to Multiple Rooms

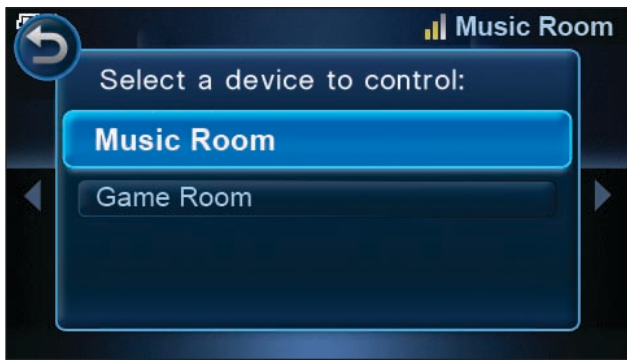
The Controller allows you to control all of your Wireless Home Audio devices from a central remote that uses Wireless-N technology to provide you with extended range and portability.

You can play different songs on individual devices or link them so that multiple devices play the same songs in perfect synchronization by selecting party mode.

1. Press here on the touchscreen to open the *Device Control* window.



2. From the Device Control window, press the device you want to control on the touchscreen or use the 5-Way Button/Scroll to select the device.



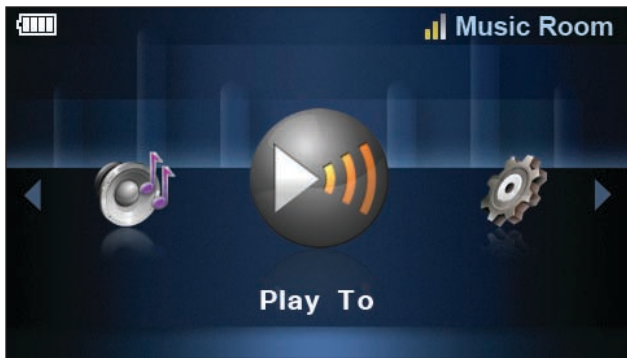
The upper right corner of the touchscreen should now show the device that you selected. This area indicates which device is currently being controlled. Use the same procedure to change to another device.

Party Mode

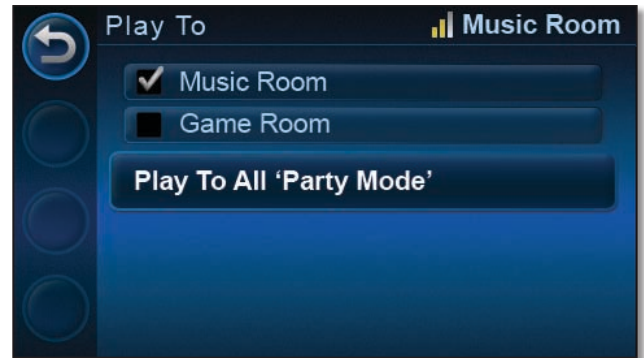
Party Mode allows you to link up all of your Wireless Home Audio devices to play the same music throughout your home. To enable party mode, perform the following steps:

Setting Up Party Mode

1. Go to the **Play To** option from the home menu.



2. Select **Play To All 'Party Mode'**.



A message will appear stating that the linking has been successful. To unlink the devices, select **Play To Local**.

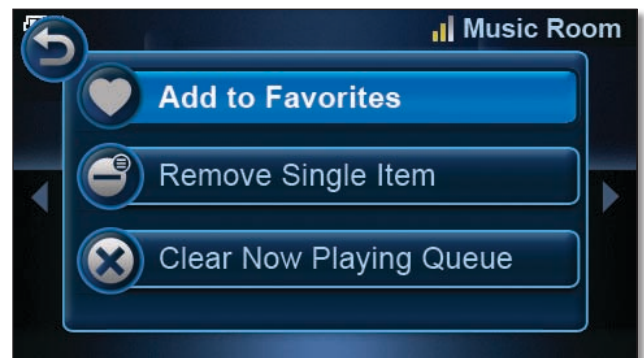
The Now Playing Queue

The *Now Playing Queue* appears (unless disabled) after the time configured in **Settings > General Settings > Now Playing Screen Set Up**. This screen displays the album artwork, artist name, song title, and a track duration progress bar and the queue of songs to be played

You can also get to this screen by pressing the **Home** button once from the home menu or twice from anywhere else in the interface.





The Quick Action menu can be selected from the *Now Playing Queue* by pressing right on the 5-Way button. Move down the list for additional options.





Volume Control

Using the Controller, you can control the volume on multiple devices using the Controller. You can control individual or linked zones.


1. Press the Volume  button on the Controller.
2. Use the scroll to raise or lower the volume. Scrolling clockwise will raise the volume, counterclockwise will lower the volume.
3. If you have multiple devices connected, you can use a master volume control (when in Party mode) by adjusting the volume for **Linked Zone**. To navigate to an individual zone, use the Volume  button to go through the list. Use the scroll to raise or lower the volume.

Navigating the User Interface

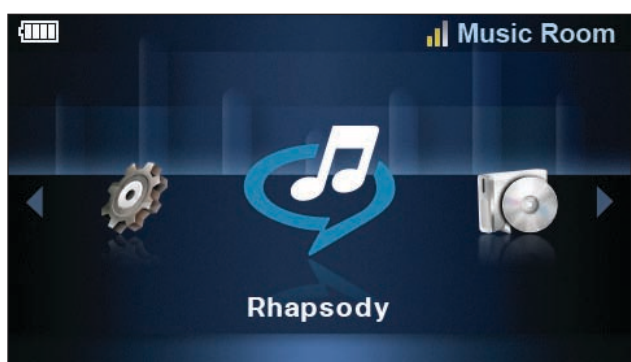
The Controller provides the optimal experience for controlling your Wireless Home Audio devices.

Use the Controller touchscreen or scroll/5-Way button to navigate and select options. You can press options directly on the touchscreen or use the scroll or the up and down buttons to navigate through options. Press the center of the 5-Way button to select an option or select it directly on the touchscreen. Use the **Home**  button to return to the home screen from anywhere in the interface. If you are already at the home screen, pressing the **Home**  button will display the *Now Playing Queue*.

Home Screen



Press the **Home**  button on the Controller once from the Home menu or twice from any other menu to go to the *Now Playing Queue*.



Rhapsody



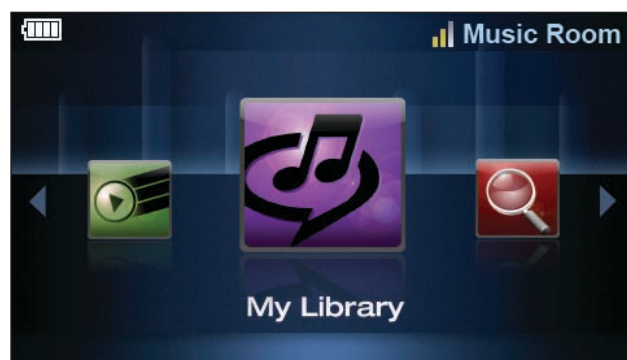
Rhapsody is a digital music service that lets you listen to their entire catalog for one monthly price. Rhapsody's catalog contains millions of songs and thousands of artists.

Browsing and Content Playback

The initial Rhapsody menu is a carousel menu. Use the scroll or the left  and right  buttons on the touchscreen or 5-Way button to move through the menu items. Press an item on the touchscreen to select it or use the center of the 5-Way button to select.

Navigate through the lists by using the scroll or the down and up buttons on the 5-Way button. Press an item on the touchscreen or use the center of the 5-Way button to view tracks in an album, playlist, or associated with an artist and press the **Back**  button to return to the title. Press the **Play**  button to start playing a title.

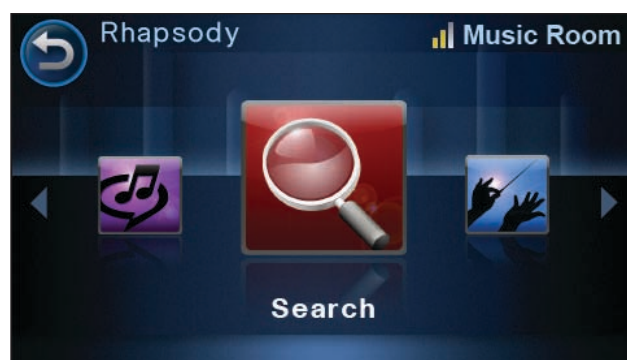
My Library



My Library allows you to connect to favorite tracks and albums that you've bookmarked in Rhapsody's extensive online music library. To bookmark tracks and albums in Rhapsody Online, you need to access Rhapsody Online from your computer and locate a track or album that you want to add. To add the album or track, click the + (plus sign) next to it and select **Add to My Library**.

- **Artists** Displays an alphabetical list of all of the artists that have been added to My Library.
- **Albums** Displays an alphabetical list of album titles that have been added to My Library.
- **Tracks** An alphabetical list of track titles that have been added to My Library.
- **My Playlists** Displays an alphabetical list of playlists that have been created in Rhapsody Online. Add favorite playlists from Playlist Central or create your own playlists in Rhapsody Online and play them here.
- **My Channels** Displays a list of channels associated with My Library.

Search



Allows you to search by Artist, Album, or Track.

Music Guide



Music Guide provides access to new releases, Rhapsody's staff picks, exclusive content that you will only find on Rhapsody, featured albums and music/artists ranked by popularity.

- **New Releases** The most significant recent releases.
- **Staff Picks** This week's staff selections.
- **Just Added** Albums that have just been added to Rhapsody.
- **Exclusives** Music you won't find anywhere else.
- **Genres** Displays a list of musical genres. Select a genre to view key tracks by key artists in the genre.
- **Charts** View music selections by the Top Artists, Top Albums, or Top Tracks.

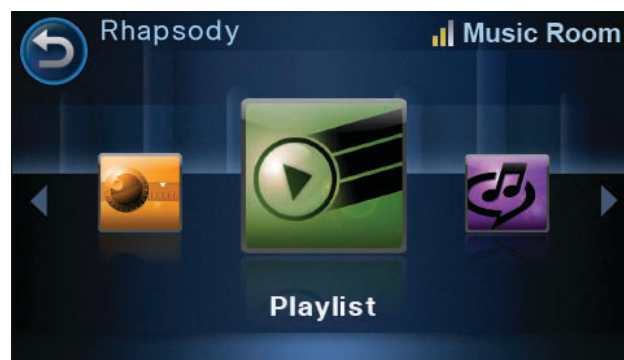
Channels



Rhapsody Channels play continuous streams of music and are similar to radio station channels but without commercials.

- **All Channels** Allows you to view all available channels.
- **Top Channels** Displays a list of the channels that are accessed the most.
- **Channels by Genre** Displays a list of music channels categorized by music genre.
- **My Channels** Channels you've selected as favorites.

Playlist



Rhapsody has an area for playlists called Playlist Central that features playlists compiled by Rhapsody users and celebrities as well as playlists categorized by genre, artist, decade, and other themes. The top playlists and featured playlists can be accessed from this option.

- **Top Playlists** Displays a list of the most played playlists.
- **Featured Playlists** Displays a list of featured playlists.

USB Media




When you connect a USB device to the Director or Conductor, a carousel menu is displayed that allows you to browse music by artist, album, genre, or browse the folders located on the USB device. You also have the option to search by artist, album, or genre.


Artists



Selecting **Artists** will display an alphabetical list of artists that are available on the USB drive.

Selecting an artist brings up a screen with an option titled *All* and options for each album title available on the USB drive from the selected artist. Selecting **All** will display all track titles by the selected artist on the USB drive. Selecting an album title will display the tracks from the album that are located on the USB drive.

Highlighting an artist name and pressing the **Add to Now Playing Queue**  button on the touchscreen adds all tracks on the USB drive by the selected artist to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.

Highlighting an artist name and pressing the **Play**  button will clear any tracks currently in the *Now Playing Queue* and add all tracks on the USB drive by the selected artist to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track by the artist will begin playing immediately.

Albums





Selecting **Albums** will display an alphabetical list of album titles that are available on the USB drive.



NOTE: Album titles are included even if there is only one song on the device from the album.

Selecting an album title will display all of the track titles from the selected album available on the USB drive.

Highlighting an album title and pressing the **Add to Now Playing Queue**  button on the touchscreen adds all tracks on the USB drive from the album to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.


Highlighting an album title and pressing the **Play**  button will clear any tracks currently in the *Now Playing Queue* and add all tracks from the album located on the USB drive to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track available from the album will begin playing immediately.


Genres



Selecting **Genres** will display an alphabetical list of musical genres that are available on the USB drive. The genre must be tagged properly in the audio file for this to work correctly. All tracks that do not have a genre tagging will be listed under Unknown Genre.

Selecting a genre brings up a screen with an option titled *All* and options for each artist in the selected genre available on the USB drive. Selecting **All** will display all track titles associated with the genre on the USB drive. Selecting an artist will display the tracks from the artist that are located on the USB drive.

Highlighting a genre and pressing the **Add to Now Playing Queue**  button on the touchscreen adds all tracks on the USB drive from the selected genre to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.

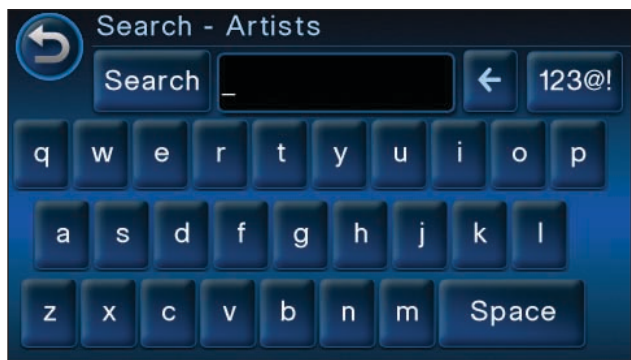
Highlighting a genre and pressing the **Play**  button will clear any tracks currently in the *Now Playing Queue* and add all tracks from the selected genre located on the USB drive to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track available from the genre will begin playing immediately.

Search

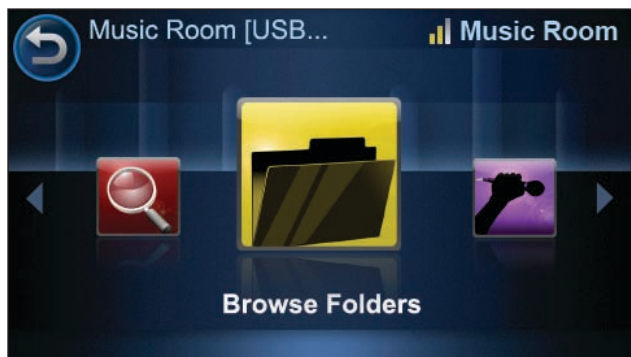


Search allows you to locate music by artist, album, or song. Once you select artist, album, or song, a search field and the touchscreen keyboard will appear.

Enter the title using the keyboard touchscreen and press the **Search** button.

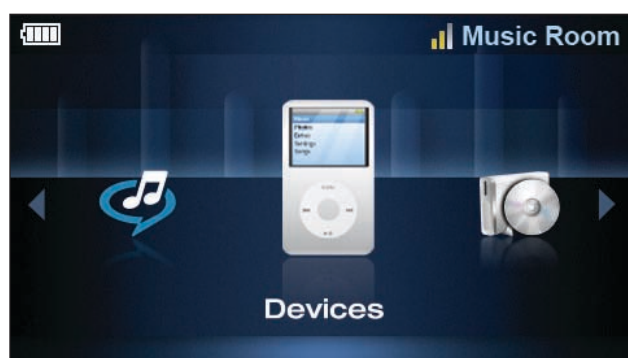


Browse Folders

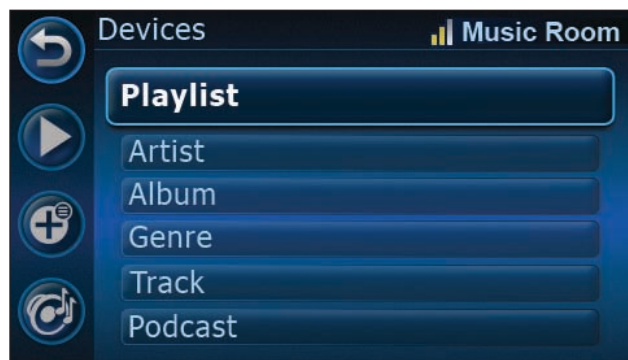


The **Browse Folders** option allows you to browse all of the folders located on your USB device. Folders will be displayed even if they do not contain any music.

Devices





When you have an iPod connected to your Director or Conductor using the optional Docking Station for iPod (MCCI40), you find music in the same manner that you do on your iPod. A list menu is displayed with the options to view by playlist, artist, album, genre, track, podcast, composer, or audiobook.





Use the scroll or up and down buttons on the 5-Way button to navigate the list. Select an option by pressing it on the touchscreen or pressing the center of the 5-Way button.

Playlist Displays a list of playlists created on your computer using iTunes.

- Select a playlist title to view the tracks in the playlist.
- Highlight a playlist and press the **Add to Now Playing Queue**  button on the touchscreen to add the tracks from the selected playlist to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.
- Press the **Play**  button with a playlist highlighted to begin playing the playlist and add all of the tracks in the playlist to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track from the playlist will begin playing immediately.

Artist Displays a list of artists available on your iPod.



- Select an artist name to view the album titles available from the artist. Select an album title to view a list of tracks from the album that are located on the iPod.

- Highlight an artist or album title and press the **Add to Now Playing Queue**  button on the touchscreen to add all tracks from the selected artist or album to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.
- Press the **Play**  button with an artist or album title highlighted to begin playing the first track from the artist or selected album and add all of the tracks to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track from the artist or album will begin playing immediately.



Album Displays an alphabetical list of album titles that are available on your iPod.





NOTE: Album titles are included even if there is only one song on the device from the album.

- Select an album title to display the track titles from the selected album available on your iPod.
- Highlight an album title and press the **Add to Now Playing Queue**  button on the touchscreen to add all tracks from the selected album to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.
- Press the **Play**  button with an album title highlighted to begin playing the first track from the album and add all of the tracks to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track from the album will begin playing immediately.

Genre Displays an alphabetical list of musical genres that are available on your iPod.

- Select a genre to display all of the album titles from the selected genre on the iPod. Select an album title to display the tracks that are available from the album on the iPod.
- Highlight a genre and press the **Add to Now Playing Queue**  button on the touchscreen to add all tracks from the selected genre to the *Now Playing Queue*. This doesn't disrupt any tracks that are currently playing.
- Press the **Play**  button with a genre highlighted to begin playing the first track from the genre and add all of the tracks from the genre to the *Now Playing Queue*. Any track that was previously playing will be stopped and the first track from the genre will begin playing immediately.

Track Displays an alphabetical list of all track titles located on your iPod.

- Press the **Add to Now Playing Queue**  button to add the track to the *Now Playing Queue*. The track will be added to the end of the *Now Playing Queue* and will not disrupt any music that is currently playing.
- Press the **Play**  button to clear the *Now Playing Queue* and add the selected track to the *Now Playing Queue*. The track will begin playing immediately.

Podcast Displays an alphabetical list of podcasts available for playback.

Composer Displays an alphabetical list of all composers of the songs on your iPod.

AudioBook Displays an alphabetical list of audiobooks available for playback.

My Music



Once the Media Server software has been installed and configured on a computer, you can control playback of music on the computer from within the Wireless Home Audio Director interface.

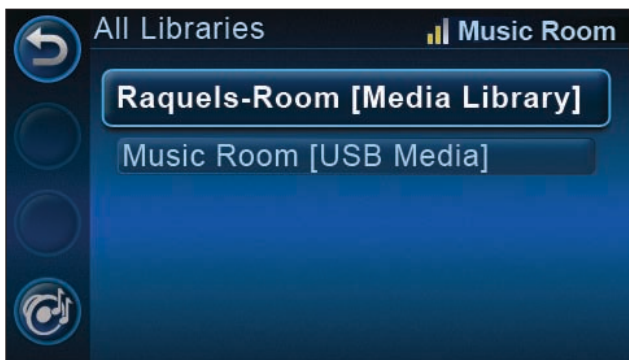
When you select the *My Music* option, a carousel menu is displayed that allows you to browse music by artist, album, genre, or browse the folders located on the USB device. You also have the option to search by artist, album, or genre.

The menu navigation for *My Music* works the same as the menu navigation does when you connect a USB device to the Director. Please refer to **USB Media, page 22** for the details on how to navigate the menus.

All Libraries



The All Libraries option will display all of your media volumes that are available for playback. This includes any USB drives and media being shared using the Cisco Media Server software.



Browsing the content from All Libraries is the same as when you browse content on a USB drive. For details on searching through library content, refer to [USB Media, page 22](#).

RadioTime



RadioTime provides streaming Internet radio broadcasts from all over the world. Station titles are displayed with location listed in parenthesis. When a syndicated talk show is selected, a list of affiliates carrying the broadcast is available for selection.

Local Radio Displays a list of local FM and AM band radio stations that are accessible via RadioTime.

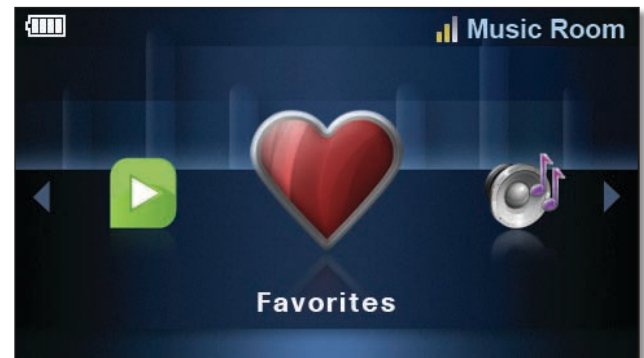
Browse Talk Brings up a list of various talk radio topics for selection. Select a topic and then you can bring up a list of stations that fit that category.

Browse Sports Provides links to radio stations that offer sports programming available on RadioTime.

Browse Music Select from a list of music categories. Once you select a category of music, a list of stations playing music that fits within that category appears.

Browse by Location Use this feature to find radio stations located all over the world. Stations are categorized by region.

Favorites



There are 10 favorite positions that can be used to store favorite tracks, albums, playlists, genres, artists or channels.

Selecting **Favorites** from the main menu will bring up the list of favorites that have been configured.




Scroll through the list or use the down and up buttons on the 5-Way button to move through the list of favorites. You can select a favorite on the touchscreen or press the center of the 5-Way button to select it.

For details on creating favorites, refer to [Creating and Using Favorites, page 16](#).


Now Playing Queue



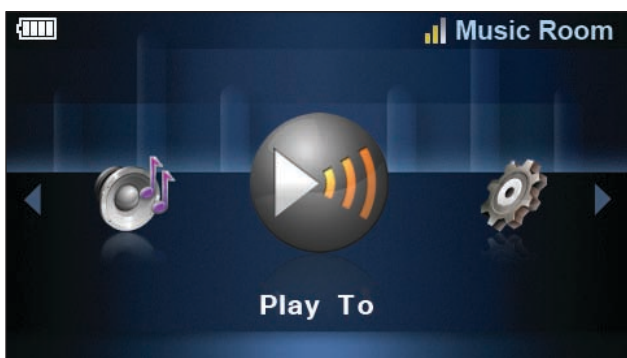
Selecting **Now Playing Queue** from the main menu will bring up the *Now Playing Queue*. You can also bring up the screen by pressing the **Home**  button on the Controller once from the main menu or twice from anywhere else in the interface.



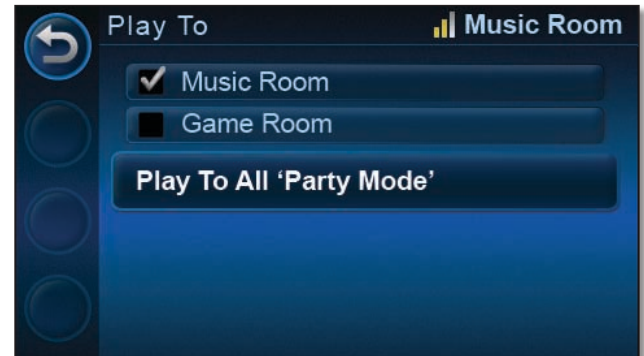
The *Now Playing Queue* displays the current track that is playing and the songs that are next up in the queue. You can move through the queue using the scroll or the down and up buttons on the 5-Way button.

The Now Playing  icon indicates which track in the queue is currently playing. If you want to immediately play another track in the queue, select the track on the touchscreen or press the center of 5-Way button.

Play To



Play To allows you to link and unlink zones. You can play tracks to an individual player or select Party Mode to sync up all of your Wireless Home Audio devices. Audio will playback perfectly in sync on the devices throughout your home. To enable Party Mode, press **Play To All 'Party Mode'**.



A message will appear stating that the linking has been successful. To unlink the devices, select **Play To Local**.

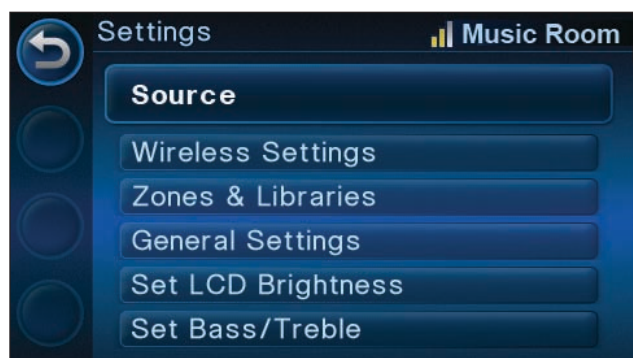
Settings



The Settings option contains many configuration options for your Director. Following is a list of settings that are configured with details on the following pages:

- [Source, page 28](#)
- [Wireless Settings, page 28](#)
- [Zones and Libraries, page 29](#)
- [General Settings, page 29](#)
- [Set LCD Brightness, page 31](#)
- [Set Bass/Treble, page 31](#)
- [About, page 31](#)

Source

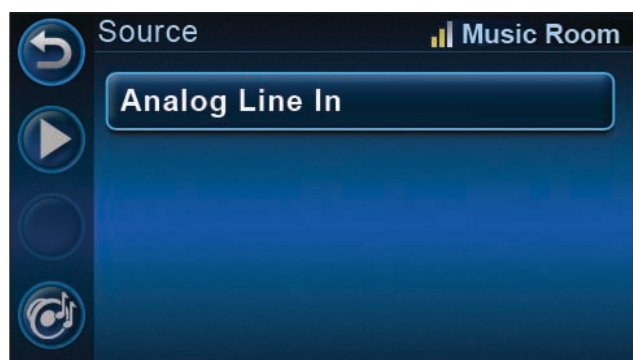


You can connect any external analog audio source to your Wireless Home Audio network using the RCA input jacks on the back of your Director or Player and play the music to all the devices in your home.

This allows you to stream music from sources such as turntables, stereo systems, DVD players, video cameras, karaoke systems, and generic MP3 players.

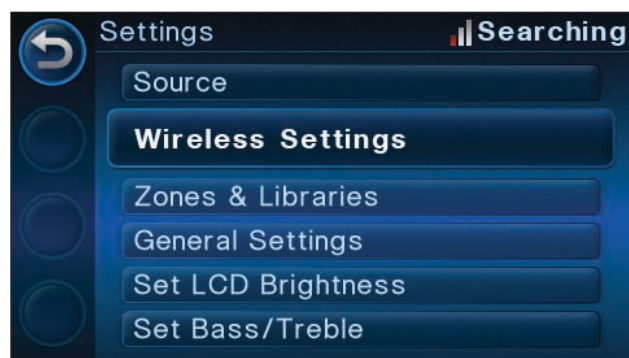
To play external analog audio, ensure that the RCA outputs are connected from your external device to the RCA inputs of the Director and perform the following steps:

1. Select **Settings** from the main menu.
2. Select **Source** from the *Settings* menu.
3. Select **Analog Line In** on the *Source* screen.



The audio from your RCA inputs will be played on the device. If you want it to play throughout your home, be sure you have your zones linked. The *Now Playing Queue* will indicate that the Analog Line In is being played.

Wireless Settings



The Wireless Settings option allows you to modify your wireless network settings.

Select Network Use this option to select a wireless network name (also known as an SSID) from the list of available networks or enter a wireless network name manually by selecting **Enter Network Name**. To enter the name manually, use the touchscreen keyboard on the Controller and press **Enter** when done.



NOTE: The wireless network name is case-sensitive. Capital letters can be found immediately after the group of lowercase letters.

Once the wireless network name has been selected, a screen will appear asking for the wireless security mode utilized on the network.

- **Open** If your network doesn't have wireless security enabled, the open option should be selected.



NOTE: Linksys recommends using some form of wireless security on your network to help safeguard your personal information. Wireless security is typically configured on your router. Refer to the documentation included with your router for details on enabling wireless security.

- **Shared** If your network uses WEP security, select this option and enter in WEP key number 1. Enter the appropriate number of hexadecimal characters ("0" to "9" and "A" to "F"). For 64-bit encryption, enter exactly 10 hexadecimal characters. For 128-bit encryption, enter exactly 26 hexadecimal characters.
- **WPA** Select TKIP or AES and enter the network's Passphrase (also called a pre-shared key) of 8-63 characters.
- **WP2** Select TKIP or AES and enter the network's Passphrase (also called a pre-shared key) of 8-63 characters.

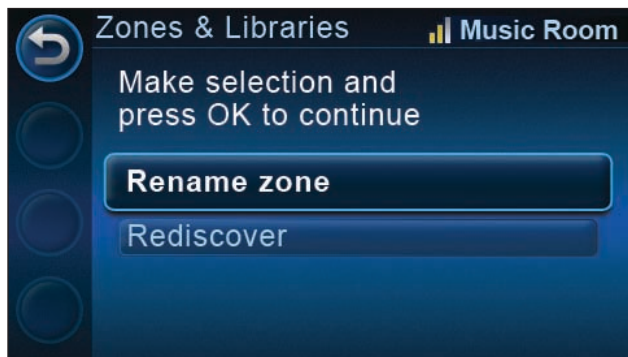
- **Wi-Fi Protected Setup™ Discovery** This option is used to connect to your router using the Wi-Fi Protected Setup™ button on the Wireless Home Audio Director and the Wi-Fi Protected Setup™ button on your router..
- **Wi-Fi Protected Setup™ Pin Setting** Select this option to enter the Wireless Home Audio Director's PIN number on the router.

Advanced This option is used for IP configuration. A dynamic or static IP address can be selected here.

- **Dynamic IP** The dynamic IP option should be selected if your router or network connection automatically provides an IP address to devices on the network. Once this option is selected, the Details screen can be used to verify that an IP address has been obtained.
- **Static IP** Selecting Static IP will prompt you to enter the IP address. To enter the IP address using the remote control, remove the existing address by using the left arrow on the Navigation Halo. Numbers can be entered manually using the keypad or arrow up and down on the Navigation Halo to scroll through the number selections. To move to the next digit, use the right arrow on the Navigation Halo. To enter a dot (.) or period in the IP address, press the zero (0) button twice.

Details This option displays the current network connection settings including the wireless network name, wireless security type, DHCP status, IP address, subnet mask, gateway, and DNS information.

Zones and Libraries



Rename Zone This option is used to rename a device with a name that will allow you to know where it is located in your home. This makes it much easier to select which areas to play music to or link.

Rediscover If one of the Wireless Home Audio devices or one of your libraries on the network is not appearing, use this option to rescan for any devices or libraries that are not showing up.

General Settings



The General option allows you to configure general devices settings for your Director.

Date/Time



Auto update When this option is enabled, the date and time settings are automatically updated via the Internet.

Set Time A series of screens will appear allowing you to enter the month, day, year, and time manually.

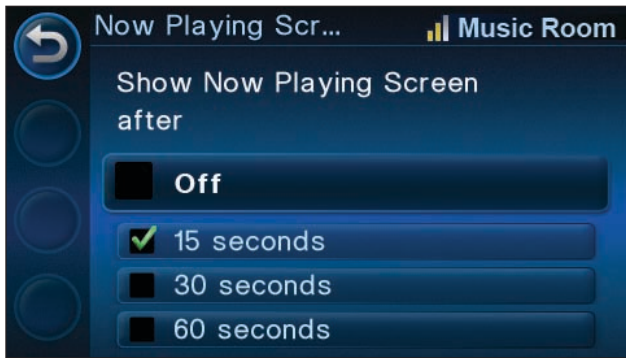
Set Time Zone Select your local time zone.

Daylight saving This option should be selected when observing daylight saving time.

Time Format This allows you to select a 12 hour or 24 hour time format. The 12 hour format is the default setting.

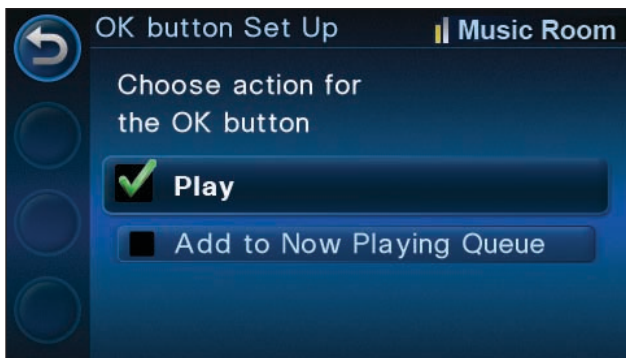
Date Format Allows you to specify the order that the day, month, and year are displayed.

Now Playing Screen Set Up



The Now Playing Screen can be turned OFF or set to start after an idle period of 30 seconds, 60 seconds, or 2 minutes.

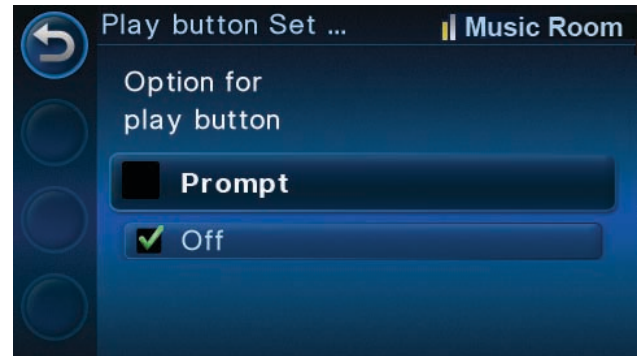
OK button Set Up



This option defines that action that will occur when the **OK** button is pressed on the IR remote. The options are the following:

- **Play** This is the default setting. When you highlight an item and press the **OK** button on the IR remote, the item will begin playing immediately and any existing tracks will be cleared from the queue. If the item you selected was an album, playlist, genre, or artist, all tracks associated with selection will be added to the queue. If the item selected was a track or channel, only the single item will appear in the queue.
- **Add to Now Playing Queue** This option changes the functionality of the **OK** button on the IR remote when you select an item. With this option enabled, items are added to the queue instead of playing immediately. This eliminates any disruption of playback and also keeps the existing tracks in the queue.

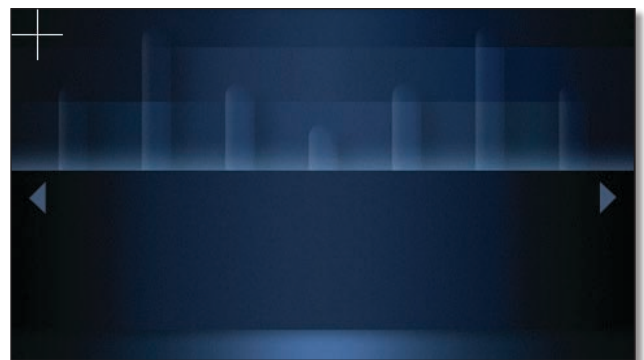
Play button Set Up



This option provides a safeguard from automatically eliminating the contents of the Now Playing Queue when pressing the **Play** button. The following are the options:

- **Prompt** When prompt is selected, a reminder message will appear every time the **Play** button is pressed. This reminder will verify that you want to replace the contents of the Now Playing Queue with the item you selected. You need to press **OK** to continue or the **Back** button to cancel.
- **Off** This is the default setting. When the **Play** button is selected, the selected item will start playing immediately and replace the contents of the *Now Playing Queue*. Any track that was previously playing will be stopped.

Calibrate Touch Screen



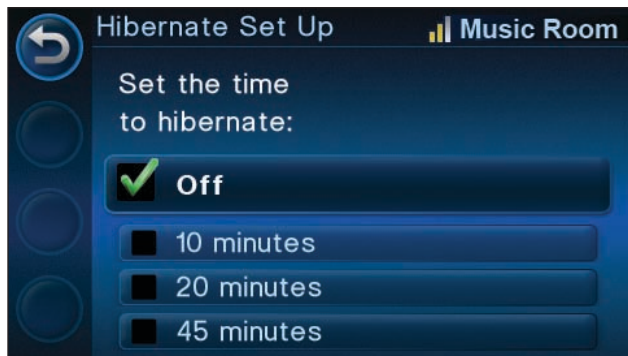
Use this option to calibrate your touchscreen. Press the center of the + symbol when it appears on the screen. When the OK appears on the screen, press the center of the 5-Way button.

Sleep Timer Set Up



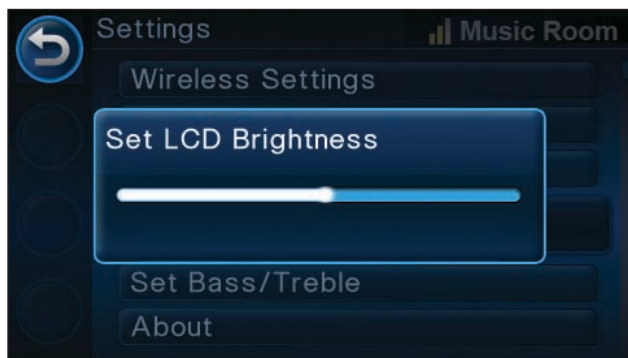
The Sleep Timer can be turned OFF or set to start after an idle period of 30 seconds, 60 seconds, or 2 minutes. Sleep turns off the display on the screen to conserve battery power.


Hibernate Set Up



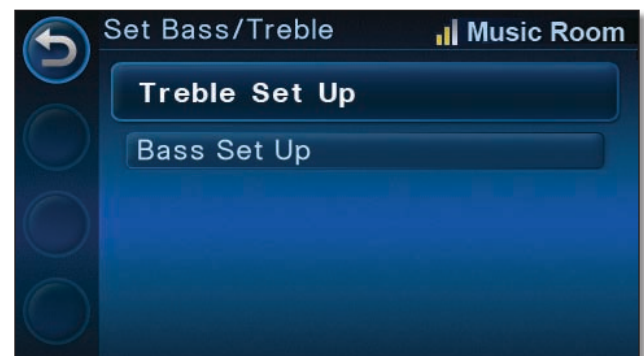
Hibernate can be turned OFF or set to start after an idle period of 10, 20, or 45 minutes. Hibernate mode conserves more battery power and is useful for long periods of idle time.

Set LCD Brightness



Use the scroll on the Controller to adjust the brightness level of the viewing screen. After a few seconds of idle time the brightness adjustment slider window will close or press the **Back**  button to return to the list of settings.

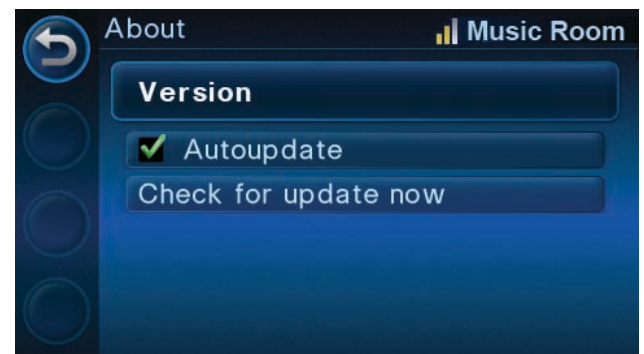
Set Bass/Treble



Treble Setup Use the scroll on the Controller to adjust the high frequency audio playback level on the selected Wireless Home Audio device. After a few seconds of idle time the treble adjustment slider window will close or press the back button to return to the list of settings.

Bass Setup Use the scroll on the Controller to adjust the low frequency audio playback level on the selected Wireless Home Audio device. After a few seconds of idle time the bass adjustment slider window will close or press the back button to return to the list of settings.

About



Version Displays the version of the software installed on the Wireless Home Audio Director.

Autoupdate This feature will automatically check online for updates to the software installed on the Wireless Home Audio Director.

Check for update now This option can be used to check manually for an update to the software installed on the Wireless Home Audio Director.

Troubleshooting

Do I need to run the CD to configure my Wireless Home Audio devices?

Yes. Basic settings can be applied on some devices via their screens, but in order to fully configure your Wireless Home Audio devices you must use the CD.

How do I share my music from additional computers and allow them to control my Wireless Home Audio devices?

Run the CD on your additional computers and select the **Connect Computers** option on the first screen.


Where do I find the Cisco Media Center software after installation is complete?

Go to **Start > Programs** and select **Cisco Media Center**. You can start the Cisco Media Player from here.

What do I do if my iTunes library or other audio files are not found by Cisco Media Center?

Some iTunes files may not be available. Songs purchased from iTunes* may be protected with Digital Rights Management (DRM); DRM files cannot be played to your Wireless Home Audio devices directly from your PC. The optional Linksys by Cisco Docking Station for iPod (MCCI40) will allow you to connect your iPod to your Director or Conductor and play back all of the songs from your iPod.

+*iTunes Plus files are not protected

During the initial configuration, you are asked to select directories where your music is stored. To change or add additional directories, right-click on the  icon on the taskbar and select **Properties**. Modify or type in a new directory by typing in the entire path such as **C:\Documents and Settings\username\My Documents\My Music**; in the *Local Media Directory* field. Additional directories are separated by a semicolon. Click **OK** after all updates are complete.

How do I start the Cisco Media Server software?

For details on starting the Cisco Media Server software, refer to the User Guide for the Director, Player, or Conductor.

My Cisco Media Server content is not appearing on my Wireless Home Audio devices but it seems to be running.

You may need to reconfigure or disable your Windows firewall.

My devices are not showing up on the main menu carousel.

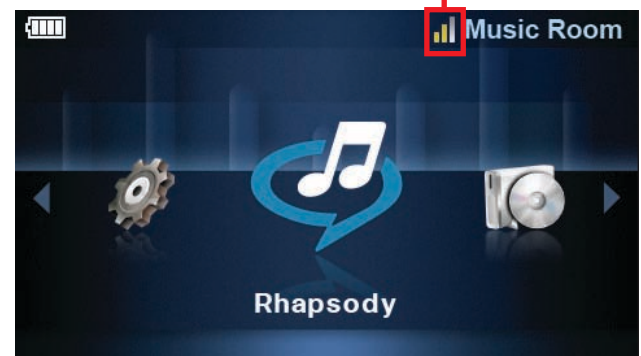
Perform each of the following steps until you are able to locate the devices on your main menu.

- Go to **Settings > Zones and Libraries** and select **Rediscover**.
- Go to Standby mode by pressing the power button on the front of the unit.
- If using the Docking Station for iPod, verify that the connector is properly attached.
- If using a USB device, verify that the USB connector is completely connected.

My Controller is properly setup but I am not able to control my Wireless Home Audio Devices.

Ensure that the wireless signal strength indicates that you have a good wireless connection. If not, you may be out of range and may need to move closer to your wireless router or access point.

Wireless Signal Strength



Specifications

Model	DMRW1000
Wi-Fi Standards	Draft dual band 802.11n, 802.11g, 802.11b (2.4GHz and 5GHz)
Security Features	WEP, WPA, WPA2
Security Key Bits	64, 128, 256
# of Antennas	Internal antennas only
Detachable (y/n)	N
UPnP able/cert	UPnP Certified
Ports	Mini-USB for battery charging, contacts for future battery charger cradle
Buttons Front	5-Way navigation buttons, Home button, Menu button

Display

Display Size	4.3 inch
LCD Type	TFT transmissive Touch Screen
Resolution	480 x 272 (RGB)
Color	16.7M
Backlighting	White

Power

Power Supply	3000 mAH Li-Polymer Battery Pack with 100-240 VAC input, 5VDC output charger
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Environmental

Dimensions	3.39" x 1.02" x 6.88" 86 x 26 x 175 mm
Weight	0.60 lb (0.27 kg)
Power	100-240 VAC input, 5VDC output.
Certification	FCC, CE, UL, C-Tick
Operating Temp.	41 to 104° F (5 to 40° C)
Storage Temp.	-4 to 140° F (-20 to 60° C)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Specifications are subject to change without notice.

Warranty Information

Limited Warranty

Linksys warrants this Linksys hardware product against defects in materials and workmanship under normal use for the Warranty Period, which begins on the date of purchase by the original end-user purchaser and lasts for the period specified below:

- One (1) year for new product
- Ninety (90) days for refurbished product

This limited warranty is non-transferable and extends only to the original end-user purchaser. Your exclusive remedy and Linksys' entire liability under this limited warranty will be for Linksys, at its option, to (a) repair the product with new or refurbished parts, (b) replace the product with a reasonably available equivalent new or refurbished Linksys product, or (c) refund the purchase price of the product less any rebates. Any repaired or replacement products will be warranted for the remainder of the original Warranty Period or thirty (30) days, whichever is longer. All products and parts that are replaced become the property of Linksys.

Exclusions and Limitations

This limited warranty does not apply if: (a) the product assembly seal has been removed or damaged, (b) the product has been altered or modified, except by Linksys, (c) the product damage was caused by use with non-Linksys products, (d) the product has not been installed, operated, repaired, or maintained in accordance with instructions supplied by Linksys, (e) the product has been subjected to abnormal physical or electrical stress, misuse, negligence, or accident, (f) the serial number on the Product has been altered, defaced, or removed, or (g) the product is supplied or licensed for beta, evaluation, testing or demonstration purposes for which Linksys does not charge a purchase price or license fee.

ALL SOFTWARE PROVIDED BY LINKSYS WITH THE PRODUCT, WHETHER FACTORY LOADED ON THE PRODUCT OR CONTAINED ON MEDIA ACCOMPANYING THE PRODUCT, IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. Without limiting the foregoing, Linksys does not warrant that the operation of the product or software will be uninterrupted or error free. Also, due to the continual development of new techniques for intruding upon and attacking networks, Linksys does not warrant that the product, software or any equipment, system or network on which the product or software is used will be free of vulnerability to intrusion or attack. The product may include or be bundled with third party software or service offerings. This limited warranty shall not apply to such third party software or service offerings. This limited warranty does not guarantee any continued availability

of a third party's service for which this product's use or operation may require.

TO THE EXTENT NOT PROHIBITED BY LAW, ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY OR FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE DURATION OF THE WARRANTY PERIOD. ALL OTHER EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF NON-INFRINGEMENT, ARE DISCLAIMED. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary by jurisdiction.

TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT WILL LINKSYS BE LIABLE FOR ANY LOST DATA, REVENUE OR PROFIT, OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, REGARDLESS OF THE THEORY OF LIABILITY (INCLUDING NEGLIGENCE), ARISING OUT OF OR RELATED TO THE USE OF OR INABILITY TO USE THE PRODUCT (INCLUDING ANY SOFTWARE), EVEN IF LINKSYS HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL LINKSYS' LIABILITY EXCEED THE AMOUNT PAID BY YOU FOR THE PRODUCT. The foregoing limitations will apply even if any warranty or remedy provided under this limited warranty fails of its essential purpose. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Obtaining Warranty Service

If you have a question about your product or experience a problem with it, please go to www.linksysbycisco.com/support where you will find a variety of online support tools and information to assist you with your product. If the product proves defective during the Warranty Period, contact Linksys Technical Support for instructions on how to obtain warranty service. The telephone number for Linksys Technical Support in your area can be found in the product User Guide and at www.linksysbycisco.com. Have your product serial number and proof of purchase on hand when calling. A DATED PROOF OF ORIGINAL PURCHASE IS REQUIRED TO PROCESS WARRANTY CLAIMS. If you are requested to return your product, you will be given a Return Materials Authorization (RMA) number. You are responsible for properly packaging and shipping your product to Linksys at your cost and risk. You must include the RMA number and a copy of your dated proof of original purchase when returning your product. Products received without a RMA number and dated proof of original purchase will be rejected. Do not include any other items with the product you are returning to Linksys. Defective product covered by this limited warranty will be repaired or replaced and returned to you without charge.

Customers outside of the United States of America and Canada are responsible for all shipping and handling charges, custom duties, VAT and other associated taxes and charges. Repairs or replacements not covered under this limited warranty will be subject to charge at Linksys' then-current rates.

Technical Support

This limited warranty is neither a service nor a support contract. Information about Linksys' current technical support offerings and policies (including any fees for support services) can be found at:

www.linksysbycisco.com/support.

This limited warranty is governed by the laws of the jurisdiction in which the Product was purchased by you.

Please direct all inquiries to: Linksys, P.O. Box 18558, Irvine, CA 92623.

Regulatory Information

Safety Warning Statement



WARNING: This exclamation point indicates that there is a caution or warning of potential risk of bodily injury and/or it is something that could damage your property or product.



WARNING: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the manufacturer's instructions or local/national disposal and recycling regulations.



WARNING: Do not use this product near water, for example, near bath tube, kitchen sink, in a wet basement or near a swimming pool.

California Lead Warning Statement



WARNING: This product contains lead, known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling.

FCC RF Exposure Statement

The Wireless-N Touchscreen Remote complies with FCC RF radiation exposure limits set forth for an uncontrolled environment and meets the FCC RF Exposure Guidelines in Supplement C of OET65. This device has been tested in typical lap held operations with the back side of the device contacted directly to the human body. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Part15 Class B Statement

This device has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular

installation. If this device does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment or devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

For operation within 5.150-5.250 GHz frequency range, it is restricted to indoor environment.

This device does not operate within the 5.25-5.35 GHz and 5.47-5.75 GHz bands. In this case, the DFS and TPC functions are not required.

IC Class B Statement (Canada)

This class B digital device complies with Industry Canada ICES-003 and RSS-210 rules.

Operation is subject to the following two conditions:

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Règlement de la classe B d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 et RSS-210 d'industrie.

L'opération est sujette aux deux conditions suivantes:

1. Ceci le dispositif peut ne pas causer l'interférence et
2. Ceci le dispositif doit accepter n'importe quelle interférence, y compris l'interférence qui peut causer fonctionnement peu désiré du dispositif.

Industry Canada Interference Statement

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems;

The maximum antenna gain 5.94dBi permitted (for devices in the band 5725-5850 MHz) to comply with the e.i.r.p.

limits specified for point-to-point and non point-to-point operation as appropriate, as stated in section A9.2(3).



WARNING: In addition, users should also be cautioned to take note that high-power radars are allocated as primary users (meaning they have priority) of the bands 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LE-LAN device.

Wireless Disclaimer

The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Avis de non-responsabilité concernant les appareils sans fil

Les performances maximales pour les réseaux sans fil sont tirées des spécifications de la norme IEEE 802.11. Les performances réelles peuvent varier, notamment en fonction de la capacité du réseau sans fil, du débit de la transmission de données, de la portée et de la couverture. Les performances dépendent de facteurs, conditions et variables multiples, en particulier de la distance par rapport au point d'accès, du volume du trafic réseau, des matériaux utilisés dans le bâtiment et du type de construction, du système d'exploitation et de la combinaison de produits sans fil utilisés, des interférences et de toute autre condition défavorable.

CE – Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.



EU Declaration of conformity (DOC)

This product complies with the essential requirements of the EMC Directive 2004/108/EC, the Low Voltage Directive 2006/95/EC and the R&TTE Directive 1999/5/EC. For more detail, Please see the DoC.



NOTE: For all Cisco-Linksys products, the Declaration of Conformity (DoC) is available in one or more of the following options:

- A PDF file is included on the product's CD.
- A printed copy is included with the product.
- A PDF file is available on the product's webpage. Please visit www.linksysbycisco.com/international and select your country region. Then select your product model.

R&TTE Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. Compliance Information for 2.4-GHz and 5-GHz Wireless Products Relevant to the EU and Other Countries Following the EU Directive 1999/5/EC (R&TTE Directive). The following standards were applied during the assessment of the product against the requirements of the R&TTE Directive:

- Radio: EN 300 328 (2.4GHz), EN 301 893 (5.0GHz)
- EMC: EN 301 489-1, EN 301 489-17
- Safety & Health: EN/IEC 60950 and EN 50371

EN50371: D=0.06989m is the minimum distance between the EUT and human body to meet the E-field strength of 61V/m

Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. Compliance Information for 2,4-GHz and 5-GHz Wireless Products Relevant to the EU and Other Countries Following the EU Directive 1999/5/EC (R&TTE Directive)

Български [Bulgarian]:	Това оборудване отговаря на съществените изисквания и приложими клаузи на Директива 1999/5/EC.
Česky [Czech]:	Toto zařízení je v souladu se základními požadavky a ostatními odpovídajícími ustanoveními Směrnice 1999/5/EC.
Dansk [Danish]:	Dette udstyr er i overensstemmelse med de væsentlige krav og andre relevante bestemmelser i Direktiv 1999/5/EF.
Deutsch [German]:	Dieses Gerät entspricht den grundlegenden Anforderungen und den weiteren entsprechenden Vorgaben der Richtlinie 1999/5/EU.
Eesti [Estonian]:	See seade vastab direktiivi 1999/5/EÜ olulistele nõuetele ja teistele asjakohastele sätetele.
English:	This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español [Spanish]:	Este equipo cumple con los requisitos esenciales así como con otras disposiciones de la Directiva 1999/5/CE.
Ελληνική [Greek]:	Αυτός ο εξοπλισμός είναι σε συμμόρφωση με τις ουσιώδεις απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 1999/5/EC.
Français [French]:	Cet appareil est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive 1999/5/EC.
Íslenska [Icelandic]:	Þetta tæki er samkvæmt grunnkröfum og öðrum viðeigandi ákvæðum Tilskipunar 1999/5/EC.
Italiano [Italian]:	Questo apparato é conforme ai requisiti essenziali ed agli altri principi sanciti dalla Direttiva 1999/5/CE.
Latviski [Latvian]:	Šī iekārta atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių [Lithuanian]:	Šis įrenginys tenkina 1999/5/EB Direktyvos esminius reikalavimus ir kitas šios direktyvos nuostatas.

Nederlands [Dutch]:	Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van de Richtlijn 1999/5/EC.
Malti [Maltese]:	Dan l-apparat huwa konformi mal-ħtiġiet essenzjali u l-provedimenti l-oħra rilevanti tad-Direttiva 1999/5/EC.
Magyar [Hungarian]:	Ez a készülék teljesíti az alapvető követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
Norsk [Norwegian]:	Dette utstyret er i samsvar med de grunnleggende krav og andre relevante bestemmelser i EU-direktiv 1999/5/EF.
Polски [Polish]:	Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE: 1999/5/EC.
Português [Portuguese]:	Este equipamento está em conformidade com os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.
Română [Romanian]:	Acest echipament este în conformitate cu cerințele esențiale și cu alte prevederi relevante ale Directivei 1999/5/EC.
Slovensko [Slovenian]:	Ta naprava je skladna z bistvenimi zahtevami in ostalimi relevantnimi pogoji Direktive 1999/5/EC.
Slovensky [Slovak]:	Toto zariadenie je v zhode so základnými požiadavkami a inými príslušnými nariadeniami direktív: 1999/5/EC.
Suomi [Finnish]:	Tämä laite täyttää direktiivin 1999/5/EY olennaiset vaatimukset ja on siinä asetettujen muiden laitetta koskevien määräysten mukainen.
Svenska [Swedish]:	Denna utrustning är i överensstämmelse med de väsentliga kraven och andra relevanta bestämmelser i Direktiv 1999/5/EC.

Alert sign! Follows CE marking

Alert sign must be indicated if a restriction on use applied to the product and it must follow the CE marking.



NB-Identification number (if there is any)

Notified body number is indicated if it is involved in the conformity assessment procedure.



Please check the CE mark on the product label to find out which notified body was involved during assessment.

National Restrictions

In the majority of the EU and other European countries, the 2.4 GHz and the 5.0 GHz bands have been made available for the use of wireless local area networks (LANs). The table labeled "Overview of Regulatory Requirements for Wireless LANs" provides an overview of the regulatory requirements applicable for the 2.4 GHz and the 5.0 GHz bands.

The requirements for any country may evolve. Linksys recommends that end-user check with the local authorities for the latest status of their national regulations for both the 2.4 GHz and the 5.0 GHz.

Table A—Overview of Regulatory Requirements for Wireless LANs

Frequency Band (MHz)	Max. Power Level EIRP (mW)	Indoor Only	Indoor & Outdoor
2400-2483.5	100		X
5150-5250	200	X	
5250-5350†	200	X	
5470-5725†	1000		X

†Dynamic Frequency Selection (DFS) and Transmit Power Control (TCP) are required in the frequency ranges of 5250-5350 MHz and 5470-5725 MHz.

Dynamic Frequency Selection (DFS) and Transmit Power Control (TPC) are required for operation in the 5.0 GHz band.

DFS: Dynamic Frequency Selection. This feature is required by the national regulations to avoid interference with the Radio Location Services (radars) when operating in the 5.250-5.350 GHz & 5.470-5.725 GHz bands.

TPC: Transmit Power Control. For operation in the 5.250-5.350 GHz band & 5.470-5.725 GHz band, the maximum power level is 3 dB or more below the applicable limit. As such, TPC is not required.

This Wireless-N Touchscreen Remote Control model DMRW1000 does not meet the DFS requirements as defined in ETSI/EN 301-893. The 5250-5350 MHz & 5470-5725 MHz bands are disabled in order to comply with the ETSI/EN 301-893. Operating this equipment in these bands is not allowed.

This product contains a wireless-N, -G, -B, and/or -A transceiver, intended for use in all EU countries, and all other countries following EU directive 1999/5/EC, without any limitation except for any country listed in the restriction of use below:

Ce produit contient un sans fil-N, -G, -B, et/ou -A émetteur récepteur, destiné à l'utilisation dans tous les pays de l'UE,

et tous autres pays après l'UE 1999/5/EC directif, sans n'importe quelle limitation excepté n'importe quel pays énuméré dans la restriction de l'utilisation ci-dessous :

Dieses Produkt enthält ein drahtloses-n, -G, - ein B und/oder - ein Lautsprecherempfänger, bestimmt für Gebrauch in allen EU-Ländern und in allen weiteren Ländern nach EU richtungweisendes 1999/5/EC, ohne irgendeine Beschränkung außer jedem möglichem Land, das nachstehend in der Beschränkung des Gebrauches aufgeführt wird:

Cer produit zahlt contient un sans fil-N, -G, -B, et/ou - ein émetteur récepteur, destiné à l'utilisation dans tous les de l'UE, und zahlt tous autres après l'UE 1999/5/EC directif, sans, n'importe quelle Beschränkung excepté n'importe, das quel énuméré dans la restriction de L'utilisation Ci-dessous zahlt:

Croatia

In Croatia, license is required in the band 5150-5350 MHz.

France

In France, outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz. For detailed information, the end-user should contact the national spectrum authority in France or visit <http://www.arcep.fr/>

Denmark

In Denmark, the band 5150-5350 MHz is also allowed for outdoor usage.

Italy

In Italy, if used outside of own premises, "general authorization" is required within the band 5150-5350 MHz & 5470-5725 MHz. For detailed information on applying for license, the end-user should contact the national spectrum authorities in Italy or visit <http://www.comunicazioni.it/it/>

Latvia

In Latvia, outdoor usage of the 2,4 GHz band requires an authorization from the Electronic Communications Office. For detailed information, please visit <http://www.esd.lv>
Notes:

1. Although Norway, Switzerland and Liechtenstein are not EU member states, the EU Directive 1999/5/EC has also been implemented in those countries.
2. The regulatory limits for maximum output power are specified in EIRP. The EIRP level of a device can be calculated by adding the gain of the antenna used (specified in dBi) to the output power available at the connector (specified in dBm).

Product Usage Restrictions

This product is designed for indoor usage only. Outdoor usage is not recommended, unless otherwise noted.

Third-Party Software or Firmware

The use of software or firmware not supported/provided by Linksys may result that the equipment is no longer compliant with the regulatory requirements.

Technical Documents on www.linksysbycisco.com/international

Follow these steps to access technical documents:

1. Enter www.linksysbycisco.com/international in your web browser.
2. Select the country or region in which you live.
3. Click the **Products** tab.
4. Select the appropriate product category.
5. Select the product sub-category, if necessary.
6. Select the product.
7. Select the type of documentation you want from the More Information section. The document will open in PDF format if you have Adobe Acrobat installed on your computer.



NOTE: If you have questions regarding the compliance of this product or you cannot find the information you need, please contact your local sales office or visit www.linksysbycisco.com/international



NOTE: For all Cisco-Linksys products, the Declaration of Conformity (DoC) is available in one or more of the following options:


- A PDF file is included on the product's CD.
- A printed copy is included with the product.
- A PDF file is available on the product's webpage. Please visit www.linksysbycisco.com/international and select your country region. Then select your product model.

User Information for Consumer Products Covered by EU Directive 2002/96/EC on Waste Electric and Electronic Equipment (WEEE)


This document contains important information for users with regards to the proper disposal and recycling of Linksys products. Consumers are required to comply with this notice for all electronic products bearing the following symbol:




English - Environmental Information for Customers in the European Union

European Directive 2002/96/EC requires that the equipment bearing this symbol  on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.


Български (Bulgarian) - Информация относно опазването на околната среда за потребители в Европейския съюз

Европейска директива 2002/96/EC изисква уредите, носещи този символ  върху изделието и/или опаковката му, да не се изхвърля т с несортирани битови отпадъци. Символът обозначава, че изделието трябва да се изхвърля отделно от сметосъбирането на обикновените битови отпадъци. Ваша е отговорността този и другите електрически и електронни уреди да се изхвърлят в предварително определени от държавните или общински органи специализирани пунктове за събиране. Правилното изхвърляне и рециклиране ще спомогнат да се предотвратят евентуални вредни за околната среда и здравето на населението последствия. За по-подробна информация относно изхвърлянето на вашите стари уреди се обърнете към местните власти, службите за сметосъбиране или магазина, от който сте закупили уреда.


Čeština (Czech) - Informace o ochraně životního prostředí pro zákazníky v zemích Evropské unie

Evropská směrnice 2002/96/ES zakazuje, aby zařízení označené tímto symbolem  na produktu anebo na obalu bylo likvidováno s netříděným komunálním odpadem. Tento symbol udává, že daný produkt musí být likvidován odděleně od běžného komunálního odpadu. Odpovídáte za likvidaci tohoto produktu a dalších elektrických a elektronických zařízení prostřednictvím určených sběrných míst stanovených vládou nebo místními úřady. Správná likvidace a recyklace pomáhá předcházet potenciálním negativním dopadům na životní prostředí a lidské zdraví. Podrobnější informace o likvidaci starého vybavení si laskavě vyžádejte od místních úřadů, podniku zabývajícího se likvidací komunálních odpadů nebo obchodu, kde jste produkt zakoupili.


Dansk (Danish) - Miljøinformation for kunder i EU

EU-direktiv 2002/96/EF kræver, at udstyr der bærer dette symbol  på produktet og/eller emballagen ikke må bortskaffes som usorteret kommunalt affald. Symbolet betyder, at dette produkt skal bortskaffes adskilt fra det almindelige husholdningsaffald. Det er dit ansvar at bortskaffe dette og andet elektrisk og elektronisk udstyr via bestemte indsamlingssteder udpeget af staten eller de lokale myndigheder. Korrekt bortskaffelse og genvinding vil hjælpe med til at undgå mulige skader for miljøet og menneskers sundhed. Kontakt venligst de lokale myndigheder, renovationstjenesten eller den butik, hvor du har købt produktet, angående mere detaljeret information om bortskaffelse af dit gamle udstyr.


Deutsch (German) - Umweltinformation für Kunden innerhalb der Europäischen Union

Die Europäische Richtlinie 2002/96/EC verlangt, dass technische Ausrüstung, die direkt am Gerät und/oder an der Verpackung mit diesem Symbol versehen ist , nicht zusammen mit unsortiertem Gemeindeabfall entsorgt werden darf. Das Symbol weist darauf hin, dass das Produkt von regulärem Haushaltsmüll getrennt entsorgt werden sollte. Es liegt in Ihrer Verantwortung, dieses Gerät und andere elektrische und elektronische Geräte über die dafür zuständigen und von der Regierung oder örtlichen Behörden dazu bestimmten Sammelstellen zu entsorgen. Ordnungsgemäßes Entsorgen und Recyceln trägt dazu bei, potentielle negative Folgen für Umwelt und die menschliche Gesundheit zu vermeiden. Wenn Sie weitere Informationen zur Entsorgung Ihrer Altgeräte benötigen, wenden Sie sich bitte an die örtlichen Behörden oder städtischen Entsorgungsdienste oder an den Händler, bei dem Sie das Produkt erworben haben.


Eesti (Estonian) - Keskkonnaalane informatsioon Euroopa Liidus asuvatele klientidele

Euroopa Liidu direktiivi 2002/96/EÜ nõuete kohaselt on seadmeid, millel on tootel või pakendil käesolev sümbol , keelatud kõrvaldada koos sorteerimata olmejäätmetega. See sümbol näitab, et toode tuleks kõrvaldada eraldi tavalistest olmejäätmevoogudest. Olete kohustatud kõrvaldama käesoleva ja ka muud elektri- ja elektroonikaseadmed riigi või kohalike ametiasutuste poolt ette nähtud kogumispunktide kaudu. Seadmete korrektne kõrvaldamine ja ringlussevõtt aitab vältida võimalikke negatiivseid tagajärgi keskkonnale ning inimeste tervisele. Vanade seadmete kõrvaldamise kohta täpsema informatsiooni saamiseks võtke palun ühendust kohalike ametiasutustega, jäätmekäitlusfirmaga või kauplusega, kust te toote ostsite.


Español (Spanish) - Información medioambiental para clientes de la Unión Europea

La Directiva 2002/96/CE de la UE exige que los equipos que lleven este símbolo  en el propio aparato y/o en su embalaje no deben eliminarse junto con otros residuos urbanos no seleccionados. El símbolo indica que el producto en cuestión debe separarse de los residuos domésticos convencionales con vistas a su eliminación. Es responsabilidad suya desechar este y cualesquiera otros aparatos eléctricos y electrónicos a través de los puntos de recogida que ponen a su disposición el gobierno y las autoridades locales. Al desechar y reciclar correctamente estos aparatos estará contribuyendo a evitar posibles consecuencias negativas para el medio ambiente y la salud de las personas. Si desea obtener información más detallada sobre la eliminación segura de su aparato usado, consulte a las autoridades locales, al servicio de recogida y eliminación de residuos de su zona o pregunte en la tienda donde adquirió el producto.


Ελληνικά (Greek) - Στοιχεία περιβαλλοντικής προστασίας για πελάτες εντός της Ευρωπαϊκής Ένωσης

Η Κοινοτική Οδηγία 2002/96/EC απαιτεί ότι ο εξοπλισμός ο οποίος φέρει αυτό το σύμβολο  στο προϊόν και/ή στη συσκευασία του δεν πρέπει να απορρίπτεται μαζί με τα μικτά κοινотικά απορρίμματα. Το σύμβολο υποδεικνύει ότι αυτό το προϊόν θα πρέπει να απορρίπτεται ξεχωριστά από τα συνήθη οικιακά απορρίμματα. Είστε υπεύθυνος για την απόρριψη του παρόντος και άλλου ηλεκτρικού και ηλεκτρονικού εξοπλισμού μέσω των καθορισμένων εγκαταστάσεων συγκέντρωσης απορριμμάτων οι οποίες παρέχονται από το κράτος ή τις αρμόδιες τοπικές αρχές. Η σωστή απόρριψη και ανακύκλωση συμβάλλει στην πρόληψη πιθανών αρνητικών συνεπειών για το περιβάλλον και την υγεία. Για περισσότερες πληροφορίες σχετικά με την απόρριψη του παλιού σας εξοπλισμού, παρακαλώ επικοινωνήστε με τις τοπικές αρχές, τις υπηρεσίες απόρριψης ή το κατάστημα από το οποίο αγοράσατε το προϊόν.


Français (French) - Informations environnementales pour les clients de l'Union européenne

La directive européenne 2002/96/CE exige que l'équipement sur lequel est apposé ce symbole  sur le produit et/ou son emballage ne soit pas jeté avec les autres ordures ménagères. Ce symbole indique que le produit doit être éliminé dans un circuit distinct de celui pour les déchets des ménages. Il est de votre responsabilité de jeter ce matériel ainsi que tout autre matériel électrique ou électronique par les moyens de collecte indiqués par le gouvernement et les pouvoirs publics des collectivités territoriales. L'élimination et le recyclage en bonne et due forme ont pour but de lutter contre l'impact néfaste potentiel de ce type de produits sur l'environnement et la santé publique. Pour plus d'informations sur le mode d'élimination de votre ancien équipement, veuillez prendre contact avec les pouvoirs publics locaux, le service de traitement des déchets, ou l'endroit où vous avez acheté le produit.


Italiano (Italian) - Informazioni relative all'ambiente per i clienti residenti nell'Unione Europea

La direttiva europea 2002/96/EC richiede che le apparecchiature contrassegnate con questo simbolo  sul prodotto e/o sull'imballaggio non siano smaltite insieme ai rifiuti urbani non differenziati. Il simbolo indica che questo prodotto non deve essere smaltito insieme ai normali rifiuti domestici. È responsabilità del proprietario smaltire sia questi prodotti sia le altre apparecchiature elettriche ed elettroniche mediante le specifiche strutture di raccolta indicate dal governo o dagli enti pubblici locali. Il corretto smaltimento ed il riciclaggio aiuteranno a prevenire conseguenze potenzialmente negative per l'ambiente e per la salute dell'essere umano. Per ricevere informazioni più dettagliate circa lo smaltimento delle vecchie apparecchiature in Vostro possesso, Vi invitiamo a contattare gli enti pubblici di competenza, il servizio di smaltimento rifiuti o il negozio nel quale avete acquistato il prodotto.


Latviešu valoda (Latvian) - Ekoloģiska informācija klientiem Eiropas Savienības jurisdikcijā

Direktīvā 2002/96/EK ir prasība, ka aprīkojumu, kam pievienota zīme  uz paša izstrādājuma vai uz tā iesaiņojuma, nedrīkst izmest nešķīrotā veidā kopā ar komunālajiem atkritumiem (tiem, ko rada vietēji iedzīvotāji un uzņēmumi). Šī zīme nozīmē to, ka šī ierīce ir jāizmet atkritumos tā, lai tā nenonāktu kopā ar parastiem mājsaimniecības atkritumiem. Jūsu pienākums ir šo un citas elektriskas un elektroniskas ierīces izmest atkritumos, izmantojot īpašus atkritumu savākšanas veidus un līdzekļus, ko nodrošina valsts un pašvaldību iestādes. Ja izmešana atkritumos un pārstrāde tiek veikta pareizi, tad mazinās iespējamais kaitējums dabai un cilvēku veselībai. Sīkākas ziņas par novecojuša aprīkojuma izmešanu atkritumos jūs varat saņemt vietējā pašvaldībā, atkritumu savākšanas dienestā, kā arī veikalā, kur iegādājāties šo izstrādājumu.


Lietuvškai (Lithuanian) - Aplinkosaugos informacija, skirta Europos Sąjungos vartotojams

Europos direktyva 2002/96/EC numato, kad įrangos, kuri ir  kurios pakuotė yra pažymėta šiuo simboliu (įveskite simbolį), negalima šalinti kartu su nerūšiuotomis komunalinėmis atliekomis. Šis simbolis rodo, kad gaminį reikia šalinti atskirai nuo bendro buitinių atliekų srauto. Jūs privalote užtikrinti, kad ši ir kita elektros ar elektroninė įranga būtų šalinama per tam tikras nacionalinės ar vietinės valdžios nustatytas atliekų rinkimo sistemas. Tinkamai šalinant ir perdirbant atliekas, bus išvengta galimos žalos aplinkai ir žmonių sveikatai. Daugiau informacijos apie jūsų senos įrangos šalinimą gali pateikti vietinės valdžios institucijos, atliekų šalinimo tarnybos arba parduotuvės, kuriose įsigijote tą gaminį.


Malti (Maltese) - Informazzjoni Ambjentali għal Klijeinti fl-Unjoni Ewropea

Id-Direttiva Ewropea 2002/96/KE titlob li t-tagħmir li jkun fiha is-simbolu  fuq il-prodott u/jew fuq l-ippakkjar ma jistax jintrema ma' skart municipali li ma għieq isseparat. Is-simbolu jindika li dan il-prodott għandu jintrema separatament minn ma' l-iskart domestiku regolari. Hija responsabbiltà tiegħek li tarmi dan it-tagħmir u kull tagħmir ieħor ta' l-elettriku u elettroniku permezz ta' facilitajiet ta' għbir appuntati apposta mill-gvern jew mill-awtoritajiet lokali. Ir-rimi b'mod korrett u r-riċiklaġġ jgħin jipprevjeni konsegwenzi negattivi potenzjali għall-ambjent u għas-saħħa tal-bniedem. Għal aktar informazzjoni dettaljata dwar ir-rimi tat-tagħmir antik tiegħek, jekk jogħġbok ikkuntattja lill-awtoritajiet lokali tiegħek, is-servizzi għar-rimi ta' l-iskart, jew il-ħanut minn fejn xtrajt il-prodott.


Magyar (Hungarian) - Környezetvédelmi információ az európai uniós vásárlók számára

A 2002/96/EC számú európai uniós irányelv megkívánja, hogy azokat a termékeket, amelyeken, és/vagy amelyek csomagolásán az alábbi címke  megjelenik, tilos a többi szelektálatlan lakossági hulladékkal együtt kidobni. A címke azt jelöli, hogy az adott termék kidobásakor a szokványos háztartási hulladékelszállítási rendszertől elkülönített eljárást kell alkalmazni. Az Ön felelőssége, hogy ezt, és más elektromos és elektronikus berendezéseit a kormányzati vagy a helyi hatóságok által kijelölt gyűjtőrendszerben keresztül szedjék fel. A megfelelő hulladékfeldolgozás segít a környezetre és az emberi egészségre potenciálisan ártalmas negatív hatások megelőzésében. Ha elavult berendezéseinek felszámolásához további részletes információra van szüksége, kérjük, lépjen kapcsolatba a helyi hatóságokkal, a hulladékfeldolgozási szolgálattal, vagy azzal üzlettel, ahol a terméket vásárolta.


Nederlands (Dutch) - Milieu-informatie voor klanten in de Europese Unie

De Europese Richtlijn 2002/96/EC schrijft voor dat apparatuur die is voorzien van dit symbool  op het product of de verpakking, niet mag worden ingezameld met niet-gescheiden huishoudelijk afval. Dit symbool geeft aan dat het product apart moet worden ingezameld. U bent zelf verantwoordelijk voor de vernietiging van deze en andere elektrische en elektronische apparatuur via de daarvoor door de landelijke of plaatselijke overheid aangewezen inzamelingskanalen. De juiste vernietiging en recycling van deze apparatuur voorkomt mogelijke negatieve gevolgen voor het milieu en de gezondheid. Voor meer informatie over het vernietigen van uw oude apparatuur neemt u contact op met de plaatselijke autoriteiten of afvalverwerkingsdienst, of met de winkel waar u het product hebt aangeschaft.


Norsk (Norwegian) - Miljøinformasjon for kunder i EU

EU-direktiv 2002/96/EF krever at utstyr med følgende symbol  avbildet på produktet og/eller pakningen, ikke må kastes sammen med usortert avfall. Symbolet indikerer at dette produktet skal håndteres atskilt fra ordinær avfallsinnsamling for husholdningsavfall. Det er ditt ansvar å kvitte deg med dette produktet og annet elektrisk og elektronisk avfall via egne innsamlingsordninger slik myndighetene eller kommunene bestemmer. Korrekt avfallshåndtering og gjenvinning vil være med på å forhindre mulige negative konsekvenser for miljø og helse. For nærmere informasjon om håndtering av det kasserte utstyret ditt, kan du ta kontakt med kommunen, en innsamlingsstasjon for avfall eller butikken der du kjøpte produktet.


Polski (Polish) - Informacja dla klientów w Unii Europejskiej o przepisach dotyczących ochrony środowiska

Dyrektywa Europejska 2002/96/EC wymaga, aby sprzęt oznaczony symbolem  znajdującym się na produkcie i/lub jego opakowaniu nie był wyrzucany razem z innymi niesortowanymi odpadami komunalnymi. Symbol ten wskazuje, że produkt nie powinien być usuwany razem ze zwykłymi odpadami z gospodarstw domowych. Na Państwu spoczywa obowiązek wyrzucania tego i innych urządzeń elektrycznych oraz elektronicznych w punktach odbioru wyznaczonych przez władze krajowe lub lokalne. Pozbywanie się sprzętu we właściwy sposób i jego recykling pomogą zapobiec potencjalnie negatywnym konsekwencjom dla środowiska i zdrowia ludzkiego. W celu uzyskania szczegółowych informacji o usuwaniu starego sprzętu, prosimy zwrócić się do lokalnych władz, służb oczyszczania miasta lub sklepu, w którym produkt został nabyty.


Português (Portuguese) - Informação ambiental para clientes da União Europeia

A Directiva Europeia 2002/96/CE exige que o equipamento que exibe este símbolo  no produto e/ou na sua embalagem não seja eliminado junto com os resíduos municipais não separados. O símbolo indica que este produto deve ser eliminado separadamente dos resíduos domésticos regulares. É da sua responsabilidade eliminar este e qualquer outro equipamento eléctrico e electrónico através das instalações de recolha designadas pelas autoridades governamentais ou locais. A eliminação e reciclagem correctas ajudarão a prevenir as consequências negativas para o ambiente e para a saúde humana. Para obter informações mais detalhadas sobre a forma de eliminar o seu equipamento antigo, contacte as autoridades locais, os serviços de eliminação de resíduos ou o estabelecimento comercial onde adquiriu o produto.


Română (Romanian) - Informații de mediu pentru clienții din Uniunea Europeană

Directiva europeană 2002/96/CE impune ca echipamentele care prezintă acest simbol  pe produs și/sau pe ambalajul acestuia să nu fie casate împreună cu gunoiul menajer municipal. Simbolul indică faptul că acest produs trebuie să fie casat separat de gunoiul menajer obișnuit. Este responsabilitatea dvs. să casați acest produs și alte echipamente electrice și electronice prin intermediul unităților de colectare special desemnate de guvern sau de autoritățile locale. Casarea și reciclarea corecte vor ajuta la prevenirea potențialelor consecințe negative asupra sănătății mediului și a oamenilor. Pentru mai multe informații detaliate cu privire la casarea acestui echipament vechi, contactați autoritățile locale, serviciul de salubritate sau magazinul de la care ați achiziționat produsul.


Slovenčina (Slovak) - Informácie o ochrane životného prostredia pre zákazníkov v Európskej únii

Podľa európskej smernice 2002/96/ES zariadenie s týmto symbolom  na produkte a/alebo jeho balení nesmie byť likvidované spolu s netriedeným komunálnym odpadom. Symbol znamená, že produkt by sa mal likvidovať oddelene od bežného odpadu z domácností. Je vašou povinnosťou likvidovať toto i ostatné elektrické a elektronické zariadenia prostredníctvom špecializovaných zberných zariadení určených vládou alebo miestnymi orgánmi. Správna likvidácia a recyklácia pomôže zabrániť prípadným negatívnym dopadom na životné prostredie a zdravie ľudí. Ak máte záujem o podrobnejšie informácie o likvidácii starého zariadenia, obráťte sa, prosím, na miestne orgány, organizácie zaoberajúce sa likvidáciou odpadov alebo obchod, v ktorom ste si produkt zakúpili.


Slovenčina (Slovene) - Okoljske informacije za stranke v Evropski uniji

Evropska direktiva 2002/96/EC prepoveduje odlaganje opreme, označene s tem simbolom  – na izdelku in/ali na embalaži – med običajne, nerazvrščene odpadke. Ta simbol opozarja, da je treba izdelek odvreči ločeno od preostalih gospodinjskih odpadkov. Vaša odgovornost je, da to in preostalo električno in elektronsko opremo odnesete na posebna zbirališča, ki jih določijo državne ustanove ali lokalna uprava. S pravilnim odlaganjem in recikliranjem boste preprečili morebitne škodljive vplive na okolje in zdravje ljudi. Če želite izvedeti več o odlaganju stare opreme, se obrnite na lokalno upravo, odpad ali trgovino, kjer ste izdelek kupili.

Suomi (Finnish) - Ympäristöä koskevia tietoja EU-alueen asiakkaille

EU-direktiivi 2002/96/EY edellyttää, että jos laitteistossa on tämä symboli  itse tuotteessa ja/tai sen pakkauksessa, laitteistoa ei saa hävittää lajittelemattoman yhdyskuntajätteen mukana. Symboli merkitsee sitä, että tämä tuote on hävitettävä erillään tavallisesta kotitalousjätteestä. Sinun vastuullasi on hävittää tämä elektroniikkatuote ja muut vastaavat elektroniikkatuotteet viemällä tuote tai tuotteet viranomaisten määräämään keräyspisteeseen. Laitteiston oikea hävittäminen estää mahdolliset kielteiset vaikutukset ympäristöön ja ihmisten terveyteen. Lisätietoja vanhan laitteiston oikeasta hävitystavasta saa paikallisilta viranomaisilta, jätteenhävityspalvelusta tai siitä myymälästä, josta ostit tuotteen.

Svenska (Swedish) - Miljöinformation för kunder i Europeiska unionen

Det europeiska direktivet 2002/96/EC kräver att utrustning med denna symbol  på produkten och/eller förpackningen inte får kastas med osorterat kommunalt avfall. Symbolen visar att denna produkt bör kastas efter att den avskiljts från vanligt hushållsavfall. Det faller på ditt ansvar att kasta denna och annan elektrisk och elektronisk utrustning på fastställda insamlingsplatser utsedda av regeringen eller lokala myndigheter. Korrekt kassering och återvinning skyddar mot eventuella negativa konsekvenser för miljön och personhälsa. För mer detaljerad information om kassering av din gamla utrustning kontaktar du dina lokala myndigheter, avfallshanteringen eller butiken där du köpte produkten.



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